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W. H. Tracy, Jr.

ANNUAL 1908 CATALOGUE

U.S. Department of Agriculture
Washington, D.C.
KENDALL & WHITNEY

FEDERAL & TEMPLE STREETS,
PORTLAND, MAINE.



SEEDS,
IMPLEMENTS, ETC.

1908

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INCORPORATED 1896

1908



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ANNUAL SEED AND IMPLEMENT CATALOGUE

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While we exercise the greatest care to have all Seeds pure and reliable, we do not give any warranty, Expressed or Implied. If the purchaser does not accept the Seeds on these conditions they must be returned at once.—K. & W.

KENDALL & WHITNEY

KENDALL & WHITNEY'S

ILLUSTRATED AND DESCRIPTIVE

CATALOGUE

... OF ...

Garden, Field and Flower

SEEDS

1908

SEED MERCHANTS, GROWERS AND IMPORTERS

AND DEALERS IN

Agricultural and Horticultural Implements, Fertil-
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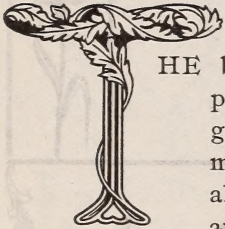
A FEW BRIEF HINTS

ON THE SOWING AND
CULTIVATION OF

FLOWER SEEDS



The Soil and its Preparation.



THE best soil for annuals and for most flowering plants, whether biennials or perennials, is a light rich loam. In such they grow readily and attain to great perfection of bloom with but little care. By the application of proper manures, sand or clay, they can be brought to such a condition as to answer all the purposes of a flower garden. Deep and thorough trenching in the autumn, if possible, and the application of very old decayed manure or leaf mold, will give the amateur a well prepared and suitable soil.

Where the soil is too light, a thin layer of clay, if to be had, should be spread over the surface in the autumn, and dug in—after being pulverized by the winter frosts—in the spring. This, with the use of old manure—that which has lain a year or more, and being frequently turned over till it becomes thoroughly decayed—will keep the garden in good condition. No unvarying rules can be given; much must be left to the judgment of the amateur. He must understand that the soil of a good garden should be deep, well pulverized, friable and rich.

Where the flower garden is a specialty, then more pains ought to be taken, and those who are about to do this, if they have not the requisite information, will consult something more than a catalogue. Our hints are intended for the mass of the people who love flowers, and do not wish to incur great expense in the gratification of their taste.

Period for Sowing.

This must depend much upon the season as well as the locality. As a general rule, the proper time to commence sowing is about the middle of April, though a few sorts may be planted as soon as the ground can be got ready; and for a succession the sowing should be continued until June. In the Southern States, of course, January, February or March will be the time to sow, as they correspond with April, May and June at the North. To avoid all danger of injury, the sowing may be deferred till the last of April, but when a little labor is of no consideration the sowing may be made earlier, and, in case of failure or injury from frost or wet, another sowing may be made when the weather is more favorable. Because we recommend April, it is not to be understood the sowing must be made at that time. If sown in any part of May, they will flower later, but abundantly throughout the latter part of the summer.

It is the great error to cover too deeply, and the cause of more than half of the complaints against seedmen of selling old and worthless seeds come from inexperience and want of judgment in sowing. No rule can be given in this respect, but, as a general guide, all large seeds

may be sown half an inch deep; smaller, less, and for the smallest, a covering of one-sixteenth of an inch will suffice. If sown too deeply they are longer in germinating, and are liable to decay. Avoid the general error of sowing the seeds too thickly, as it causes an elongated and feeble growth, which no subsequent thinning will entirely remedy.

As soon as the seedlings have made three or four leaves, and are an inch high, they should be thinned out. If they are kinds which will bear removal, they may be replanted in vacant spaces in the border. Tall growing plants, with spreading branches, will require more room than slender growing, dwarf kinds. Stir the soil around the plants from time to time, and, if they appear crowded, a second thinning will be of great benefit to those that remain. If the growth is not strong from the nature of the soil, apply occasionally a very small amount of guano or bone dust.

Transplanting should, if possible, always be done in cloudy weather. If the soil is dry the plants will require a light watering, to settle the earth around the roots, and if warm, sunny days succeed the operation, they will root all the better to have shade for a day or two. All large growing plants should be transplanted singly, but many of the smaller may be removed in patches without any trouble. After the plants are established, they will need no other care than to tie up the taller growing sorts to stakes, to prevent the wind and rain from beating them down and injuring their blossoms.

Garden Requisites.

There are several aids to the economical management of the garden, which are almost indispensable; one of these is the *hot-bed* frame for the forwarding of plants for early planting—a frame made of various sizes, according to the size of the garden, from four sashes upward. The length of sash is generally six feet, by three wide, the size of glass six by eight inches. The frame should have a southern or a southeastern exposure; should be made up of fresh horse manure, and a few leaves mixed with it; this must be laid in a heap preparatory to being used, and, when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich, loamy soil must be spread over the manure; then cover the frame with the sashes, and after standing a few days, to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, one or two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack firmly and evenly.

SEEDS FOR ASSOCIATIONS OR CLUBS.

The following seeds may be selected from our Catalogue, at the prices named, and will be forwarded, postage free, to any part of the United States:

Purchasers remitting \$1.00 may select seeds in packets or ounces at Catalogue prices, amounting to \$1.25.

Purchasers remitting \$2.00 may select seeds in packets or ounces at Catalogue prices, amounting to \$2.50.

Purchasers remitting \$3.00 may select seeds in packets or ounces at Catalogue prices, amounting to \$4.00.

Purchasers remitting \$4.00 may select seeds in packets or ounces at Catalogue prices, amounting to \$5.50.

Purchasers remitting \$5.00 may select seeds in packets or ounces at Catalogue prices, amounting to \$7.00.

Seeds when ordered in larger quantities than the above (as quarts or pounds)

will not be included, nor plants or bulbs.

A DESCRIPTIVE LIST

OF

FLOWER SEEDS

FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE

ABRONIA UMBELLATA.

Per Pkt.

Handsone, trailing annuals, with clusters of sweet-scented flowers resembling the verben. Fine for baskets or for the garden. Blooms from August until October. 5

ACROLINIUM.

An elegant, half-hardy annual, producing beautiful everlasting flowers. Grows about one foot high.

ALBUM. Pure white. 5
ROSEUM. Bright rose color. 5
MIXED. 5

ADONIS.

A hardy annual, with very pretty foliage, producing bright red flowers. Grows about one foot high and blooms for a long time. 5



AGERATUM.

AGERATUM.

Hardy annuals for beds or borders, or nice for cutting. Grows about one foot high and continues in bloom all summer.

MIXED. 5

ALYSSUM.

A hardy annual, about eight inches high, with clusters of small, fragrant flowers. Fine for bedding and bouquets.

SWEET. White; 1 ft. 5
WIERSBECKII. Yellow and white; 1 ft.; *Hardy perennial*. 5
SAXATILE COMPACTA. Yellow; ¾ foot; *hardy perennial*. 5
TOM THUMB. Very dwarf; white. 5



ALYSSUM.

ANTIRRHINIUM. (Snap Dragon.)

Per Pkt.



ANTIRRHINIUM.

A very showy and hardy perennial, about two feet high, flowering well the first season. Sow the seeds early, in pots or under glass.

ALBUM. Pure white. 5
BRILLIANT. Scarlet and golden, white throat. 5
FIREFLY. Scarlet and white. 5
FIRE KING. Rose, with orange; fine. 5
GALATHEE. Crimson, white throat. 5
LILACINUM. Lilac. 5
LUTEUM. Yellow. 5

NIGRESCENS. Nearly black. 5
BEST MIXED VARIETIES. 5

AMARANTHUS.

Half-hardy annuals, about two feet high, with finely variegated foliage. They are most brilliant on poor soil and in dry seasons.

TRICOLOR. 5

AMMOBIUM ALATUM.

A useful everlasting for making dried winter bouquets and a showy border plant, growing freely in any garden soil. Hardy annual.

WHITE. 2 ft. 5

AMPELOPSIS—Veitchii.

(Boston Ivy.)

Popular, rapid growing, hardy vine. Adheres firmly to stone or brick, foliage turning very brilliant in the autumn. 5

ANAGALLIS.

Beautiful, trailing, hardy annuals, about six inches high, and very desirable for small beds, edgings, baskets, etc.

MIXED. 5

ASPERULA.

A most profuse-blooming, hardy annual, attaining an average growth of one foot, the flowers of which are a beautiful light blue, are very sweet scented, and last a long while in perfection. 1 ft. 5

ASTER.

Very beautiful and popular half-hardy annuals, growing from ten to eighteen inches high. For profusion of flowers and richness of display, the asters are unrivaled. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil, about one foot apart.

VICK'S VIOLET KING. Entirely new and distinct from any other variety. The bloom is round, full and very large, many of the flowers measuring from four to five inches; color, soft violet-lilac. 25

HERCULES. Purest white, petals very long, flowers attaining the enormous diameter of six inches. Excellent for pot culture. 25

ASTER.—Continued.

Per Pkt.



COMET ASTER.

COCARDEAU OR CROWN. The flowers of this variety have large white centres bordered with scarlet, carmine, violet or blue; attractive and beautiful; 1½ ft. 5

DWARF PYRAMIDAL BOUQUET. The plants, when well grown, form a complete bouquet of flowers of splendid mixed colors; 1 ft. 10

DWARF CHRYSANTHEMUM FLOWERED. A free bloomer, with large flowers; mixed; 1 ft. 10

TALL CHRYSANTHEMUM FLOWERED. Taller than the preceding; mixed. 10

ROSE FLOWERED. A fine variety; flowers very double; mixed; 2 ft. 10

TRUFFAUT'S PEONY-FLOWERED PERFECTION. An early flowering variety; flowers very double; fine mixed colors; 2 ft. 10

MIGNON. A class of semi-dwarf habit, flowering profusely; very popular, especially with florists. PURE WHITE. 10

MIXED COLORS. 10

GERMAN QUILLED. Perfectly double quilled flowers of beautiful mixed colors; 2 ft. 5

COMET. A variety of great beauty. Grows in pyramidal form thirteen to fifteen inches high, covered with large double flowers with long curled petals. Choicest mixed varieties. 10

QUEEN OF THE MARKET. Finest mixed; very early. 10

VICTORIA. Very large, of perfectly double form; mixed; 1½ ft. 10

VICTORIA. White. 10

CARTER'S WHITE PLUME. One of the most magnificent white asters yet produced; height about 15 inches. 15

JEWEL. A magnificent class obtained from the well-known large-flowered Peony Perfection. The flower is densely double, and the petals so symmetrically incurved as to resemble a perfect ball. Mixed colors. 10

TRIUMPH, DEEP SCARLET. A rich, brilliant color. Each plant bears thirty to forty flowers of great beauty; 8 in. 10

SEMPLE'S BRANCHING. A superior and free-flowering class. The flowers are large, with graceful, wavy petals on long stems; excellent for cutting; 3 ft. 10



JEWEL ASTER.

LAVENDER. 10

PINK. 10

CRIMSON. 10

WHITE. 10

PURPLE. 10

FINEST MIXED. All colors. 10

CHINESE. Common variety; mixed. 5



BACHELOR'S BUTTON.

BACHELOR'S**BUTTON.**

Per Pkt.

A showy, hardy annual, about two feet high, succeeding well in any soil. Set six inches apart.

FINEST MIXED. 5

BALSAM.

Most magnificent, popular, half-hardy annuals, from one and one-half to two feet in height. Sow the seeds early in frames, and transplant to a well-enriched border one foot apart.

FINE DOUBLE MIXED. 5

ROSE-FLOWERED. 5

CAMELIA-FLOWERED. Finest mixed. 5



DOUBLE BALSAM.

BARTONIA AUREA.

A showy, half-hardy annual, growing about two feet high, bearing very brilliant yellow flowers. Thin plants to six inches apart. 5

BEANS. (Flowering.)

See list of beans with vegetable seeds.



DOUBLE DAISY.

BELLIS PERENNIS. (Double Daisy.)

A favorite perennial for the border or for pot culture. Set plants six inches apart.

RED. Double; very fine. 10

SNOWBALL. White; large. 10

FINEST MIXED. Double. 10

BRACHYCOME IBERIDIFOLIA.**(Swan River Daisy.)**

Very pretty, free-flowering, dwarf-growing annual; well adapted to edgings, rustic baskets, or pot culture.

MIXED BLUE AND WHITE. ½ ft. 10

BROWALLIA.

Handsome, profuse-blooming annual, covered with beautiful flowers during the summer and autumn months.

ELATA COERULEA. Blue; 1½ ft. 5

ALBA. White; 1½ ft. 5

FINE MIXED. 5



CALENDULA.

CALENDULA.

Per Pkt.

Free-flowering, hardy annual, growing in any good garden soil, producing a fine effect in beds or mixed borders. 1 to 1½ feet.

METEOR. Double; yellow striped orange.....	5
PRINCE OF ORANGE. Double; dark orange.....	5
FINEST DOUBLE MIXED.....	5

CALCEOLARIA.

Indispensable for the greenhouse or the flower garden. They succeed in any light, rich soil. Half-hardy perennials.

CHOICE MIXED VARIETIES.... 15



CALCEOLARIA.

CANDYTUFT.

A well-known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

EMPRESS. Large trusses of pure white flowers; very handsome. Used for forcing. Ounce 40c. 5

LITTLE PRINCE. Large heads of pure white flowers. Plants about six inches high..... 5

CRIMSON. Ounce 25c..... 5

PURPLE. Ounce 25..... 5

WHITE. Ounce 25c..... 5



CANDYTUFT.

TALL. Finest mixed. Ounce 25c..... 5

ROCKET. Pure white, long spikes. Ounce 25c..... 5

CANARY BIRD FLOWER.

A rapid-growing, delicate climber, reaching a height of from ten to fifteen feet. Bright yellow, fringed; exceedingly beautiful foliage. Half-hardy annual..... 10



CANARY BIRD FLOWER.

CANNA.

Handsome foliage plants, growing from three to eight feet high. Highly ornamental on the lawn. Soak the seeds in warm water for about twelve hours. Seeds should be sown early in a strong, moist heat. Half-hardy perennials.

FINEST MIXED..... 10

CANTERBURY BELLS.

Per Pkt.

A well-known biennial, growing about one foot high, producing beautiful bell-shaped flowers.

DOUBLE BLUE.....	5
DOUBLE WHITE.....	5
DOUBLE MIXED.....	5

CATCHFLY.

A hardy annual, about one foot high; produces brilliant flowers in great profusion in early summer.

RED.....	5
WHITE.....	5
PINK.....	5
MIXED.....	5

CENTAUREA.

Silver-leaved plants, fine for ribbon borders, baskets, etc. Half-hardy perennial.

CANDIDISSIMA. Thick foliage; ¾ ft.....	10
GYMNOCARPA. Graceful white foliage; ¾ ft.....	10

CINERARIA.

Well-known favorite, free-flowering plants for the greenhouse, which may be had in splendid bloom through the greater portion of the year, and, from the richness and diversity of the colors, are among the most valuable of our early spring flowers; succeed best in light, rich, free and open soil. Greenhouse perennial.

CARTER'S BRILLIANT PRIZE. Choicest varieties.....	25
FINE MIXED VARIETIES.....	25

CHRYSANTHEMUM.

Handsome, hardy annual, about two feet high, blooming from July to October.

DOUBLE WHITE.....	5
DOUBLE YELLOW.....	5
DOUBLE MIXED.....	5



CLARKIA.

CLARKIA.

A very beautiful, hardy annual, about eighteen inches high, blooming from June to September. Set six inches apart.

FINE MIXED. Ounce 30c.....	5
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COBAEA SCANDENS.

The most useful of climbers, on account of its rapid growth, fine foliage, and large, bell-shaped flowers, purple in color. In sowing place the seeds edgewise and cover lightly.

Half-hardy perennial..... 10



COBAEA SCANDENS.

COCKSCOMB.

Very singular and attractive, half-hardy annuals, about two feet high. To perfect the flowers they should be sown in the hot-beds and transplanted into rich soil one foot apart.

MIXED. Double..... 10

COLEUS.

Per Pkt.

One of the most popular foliage plants. Is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. Half-hardy perennial.

NEW HYBRIDS. Mixed..... 15

COLLINSIA.

Beautiful, hardy annual; very pretty when grown in a mass. Thin plants to three inches apart.

MIXED..... 5

COLLOMIA.

A very pretty annual, producing heads of bright flowers.

SCARLET..... 5

COLUMBINE.

A well-known, showy, hardy perennial, about two feet high, blooming in May and June.

MIXED..... 5



MORNING GLORY.

CONVOLVULUS**MAJOR.**

(Morning Glory.)

A well-known beautiful, climbing annual, suitable for covering arbors, trellises, etc. Blooms from July until autumn.

LEARI. Splendid dark blue..... 10

FINE MIXED. Ounce 10c. 5

JAPANESE MORNING GLORIES. Gigantic flowers, exquisite new colors, magnificent foliage. Finest mixed..... 5

CONVOLVULUS MINOR.

Beautiful and showy, half-hardy annuals, producing an abundance of rich colored flowers. Set plants one foot apart. Blooms from July until autumn.

FINE MIXED..... 5

MAURITANICUS. Beautiful for hanging baskets and vases. Flowers blue..... 5



COSMOS.

COREOPSIS.

Showy, hardy annuals about two feet high, succeeding well in any soil. Produces a fine effect when grown in a mass. Blooms from June until September.

FINE MIXED..... 5

DRUMMOND'S. Large yellow. 5



COSMOS.

CYPRUS VINE.

One of the most popular of all summer climbers; flowers small, thickly set in a most beautiful dark-green foliage, forming a striking contrast. Tender annuals.

SCARLET..... 5



DAHLIA.

DAHLIA.

Per Pkt.

Half-hardy perennial, blooming the first year from seed if sown early.

FINEST MIXED. Single..... 10

FINEST MIXED. Double..... 10

DATURA.

White bordered with lilac. Continues in bloom from July until September. A beautiful, half-hardy perennial, growing from two to three feet in height and producing very large flowers.

WRIGHTII..... 10

DELPHINIUM FORMOSUM.

A hardy perennial, about two feet high, producing an abundance of exquisite blue and white flowers. Blooms the first season.

5

DRACOENA.

Beautiful, ornamental-leaved plant, extensively used in vases and for house decoration. Tender perennial.

FINEST MIXED. Splendid varieties..... 10

INDIVISA. Narrow, dark green foliage..... 10

VEITCHI. Beautifully colored leaves..... 10

ESCHSCHOLTZIA.

A very showy, hardy annual, about one foot high, blooming from June until September. Produces a brilliant effect; admirable for borders when grown in a mass.

ALBA. White..... 5

CALIFORNICA. Yellow; orange center..... 5

MANDARIN. Orange and scarlet..... 5

FINEST SINGLE MIXED.... 5

CARTER'S CARMINE KING. A splendid new variety, of a beautiful carmine-rose color..... 25

MANDARIN. Double; orange and scarlet..... 10



ESCHSCHOLTZIA.

FEVERFEW. (Pyrethrum.)

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders. Succeeds in any rich soil.

DOUBLE WHITE..... 5

GOLDEN FEATHER. Prized for its yellow foliage..... 5



FORGET-ME-NOT.

FORGET-ME-NOT.

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rock work.

BLUE..... 5

MIXED..... 5

FOXGLOVE.

Per Pkt.

A hardy biennial, growing three to four feet high, and very ornamental in a garden or amongst shrubbery, as it produces tall spikes of bell-shaped flowers.

FINE MIXED..... 5

FRENCH HONEYSUCKLE.

A fine border plant. Hardy perennial.

WHITE..... 5

RED..... 5

MIXED..... 5

GAILLARDIA.

Showy and universally-admired perennial, flowering the first year. Very beautiful; fine for bedding and bouquets, and should be more generally cultivated.

FINE MIXED..... 5

GOURDS.

A valuable and highly interesting class of climbing plants. Tender annuals.

BOTTLE. Well known and very useful..... 5

HERCULES CLUB. Club shaped..... 5

NEW MINIATURE. Orange and green striped; one of the best..... 5

ORANGE. Very ornamental, fruit resembling an orange.... 5

POWDER HORN..... 5

FINE MIXED..... 5

GLOBE AMARANTH.

A tender annual, about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open. Start early in hot-beds and transplant one foot apart in the border when the weather becomes warm.

PURPLE..... 5

WHITE..... 5

CRIMSON..... 5

VARIEGATED..... 5

GLOXINIA.

Greenhouse plants, producing richly colored and brilliant flowers. Perennial.

CARTER'S INVINCIBLE PRIZE. Contains all the best self-colors, crimson, sapphire, purple, ruby, rose, bluish violet and white, together with the most beautiful, spotted or marbled kinds..... 25

GRASSES. (Ornamental.)

The ornamental grasses produce a beautiful and pleasing contrast when interspersed with flowering plants. Most of the varieties may be dried for winter bouquets, or used for filling vases, either in a dried or a green state.

Agrostis Nebulosa.

One of the most graceful grasses in cultivation. Hardy annual; 1½ ft..... 5

Avena Sterilis. (Animated Oats.)

Very graceful, with large, drooping spikes on slender stems. Hardy annual; 2 ft..... 5

Briza Maxima. (Quaking Grass.)

A most beautiful variety; one of the best. Hardy annual; 1¼ ft..... 5

Briza Gracilis. (Quaking Grass.)

Very delicate and graceful. Hardy annual; 1 ft..... 5

Coix Lachrymæ. (Job's Tears.)

A well-known variety. Half-hardy annual; 2 ft..... 5

Eragrostis Elegans. (Love Grass.)

A favorite variety, graceful habit and very much admired. Hardy annual; 2 ft..... 5

Gynerium Argentium. (Pampas Grass.)

The finest ornamental grass in cultivation. Half-hardy perennial; 10 ft..... 10

Hordeum Jubatum. (Squirrel Tail Grass.)

Very handsome light purple plumes. Hardy annual; 3 ft..... 5

Lagurus Ovatus. (Hare's Tail Grass.)

Small white plumes. Hardy annual; 2 ft..... 5

Sectaria Microcheta.

Large, drooping plumes of the most graceful description. Hardy annual; 2 ft..... 5

Stipa Pennata. (Feather Grass.)

One of the finest of the ornamental grasses. Hardy perennial; 2 ft..... 5

GODETIA.

Per Pkt.

Very attractive, hardy annual of easy culture, about one foot high, flowering in July and August.

FINE MIXED..... 5

GREVILLEA ROBUSTA.

A very graceful decorative plant, with evergreen, fern-like foliage. Tender perennial..... 5

GYPSOPHILIA.

Free-flowering, elegant plants, adapted for rustic rock-work and edging. Hardy annual.

PANICULATA. (Baby's Breath.) White flowers, fine for bouquets. Hardy perennial; 2 ft..... 5

FINE MIXED..... 5

HELICHRYSUM. (Eternal Flower.)

A hardy annual, very ornamental in the garden, and very desirable for winter bouquets, as they will retain their form and color for years if gathered and dried when first open.

DOUBLE YELLOW..... 5

DOUBLE WHITE..... 5

DOUBLE SCARLET..... 5

DOUBLE PURPLE..... 5

DOUBLE FINE MIXED..... 5

HELIOTROPE.

HELIOTROPE.

A well-known, half-hardy perennial, particularly prized on account of its delightful fragrance. It is well adapted for bedding or pot culture. Sow the seeds early in spring, in pots or in the hot-house, and transplant into the garden when the weather becomes warm.

LOUISE DELUAX. Rose-tinted flowers..... 10

MAD. DE BLONAY. White, for bouquets... 10

FINEST MIXED. Dark varieties..... 10

HOLLYHOCK.

Showy perennials, four to six feet high; very effective amongst shrubbery.

DOUBLE WHITE. Flowers pure white, perfectly double..... 10

EXTRA CHOICE DOUBLE FINEST MIXED..... 10

FINE MIXED. Double..... 5

SINGLE. Finest mixed.... 10



HOLLYHOCK.

HONESTY.

A hardy biennial, two feet high, flowering the second year in May and June. The flowers are succeeded by singular semi-transparent seed vessels that are quite ornamental and may be kept for a long time..... 5

HUMULUS JAPONICUS. (Hop.)

An extremely rapid-growing climber, with handsome, variegated foliage. Hardy annual; 20 ft..... 5

HYACINTH BEAN.

Tender, climbing annual, producing clusters of brilliant flowers..... 5

ICE PLANT.

Per Pkt.

A singular-looking, tender annual, with thick, fleshy leaves that have the appearance of being covered with crystals of ice. Start early in pots and transplant into light, sandy soil, in a warm situation 5

JACOEBA.

A very gay-colored, showy class of hardy annuals, very effective for bedding. Grows about one foot high. DOUBLE FINEST MIXED 5

KOCHIA SCOPARIA. (Glowing Ball.)

This ornamental annual plant grows quickly from seed sown in the open ground, when the trees are coming out in leaf, and the plants are always of a rounded or globe-like form. The stems are clothed with slender, light green leaves. Early in the fall the ends of the shoots are set thickly with small, bright scarlet flowers, the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round ball-like form on all sides or grown in continuous rows 10

LANTANA.

Highly valuable plants of vigorous growth and branching habit, producing brilliantly-colored flowers constantly changing in hue. Very effective, either for pot culture or for bedding.

FINE MIXED 5

LARKSPUR.

Very beautiful, showy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart.

DWARF DOUBLE ROCKET. Finest mixed. 5

DOUBLE BRANCHING. Fine mixed. 5

LAVENDER.

A shrubby plant, half-hardy. Delightful fragrance 5

LINUM. (Flowering Flax.)

GRANDIFLORUM RUBRUM. Brilliant, dark scarlet. Hardy annual. 5

LOBELIA.

Most excellent and useful plants, free-flowering and of easy culture. Fine for borders, baskets, vases and window boxes.

GRACILIS. Fine for hanging baskets, vases, etc.; light blue; trailing 5

CRYSTAL PALACE. Compact; dark blue; excellent for edging 5

WHITE GEM. The best white variety for edging 5

MIXED TRAILING VARIETIES. 5

CARDINALIS. Long spikes, bright scarlet flowers. Hardy perennial 10

MIXED HYBRIDS. Hardy perennial. 10



LOPHOSPERMUM.

LOPHOSPERMUM.

One of the most beautiful climbing annuals. Graceful flowers of large size, resembling foxgloves in shape, and of a rich rose color. The foliage is of velvety texture.

SCANDENS. Rose 10

LOVE-LIES-BLEEDING.

A hardy annual, three to four feet high, with pendant spikes of blood-red flowers 5

LOVE-IN-A-MIST.

A curious, hardy annual about one foot high, with finely cut leaves and singular flowers.

MIXED 5

LUPINS.

Showy, hardy perennials, two to three feet high, producing tall spikes of attractive flowers.

FINE MIXED 5

MALOPE.

Per Pkt.

Handsome, half-hardy annual, about two feet high. Set eighteen inches apart. Well adapted to mixed borders.

FINE MIXED 5

MARVEL OF PERU.

The old and well-known four o'clock. A beautiful plant, with flowers of various colors, making a fine summer hedge when set one foot apart. Grows two feet high.

FINE MIXED 5

MARIGOLD.

Extremely showy, half-hardy annual, one to two feet high, well adapted to garden culture, blooming profusely through the season. Set one foot apart.

AFRICAN VARIETIES. Double mixed 5

FRENCH. Double mixed; all colors 5

NANA PULCHRA. Very dwarf, double, striped 5

ORANGE. Double 5



MARIGOLD.

MAURANDIA.

An elegant, half-hardy, climbing perennial, well adapted to the conservatory or trellis work in the garden. Start early in pots, transplant when the weather becomes warm. Flowers the first year from the seed, and continues in bloom through the season.

BARCLAYANA. Rich violet flowers 10

SCARLET. 10

PURPLE. 10

WHITE 10

FINE MIXED 10

MORNING GLORY. (See Convolvulus.)

MOURNING BRIDE.

A class of very pretty, hardy annuals, from one to two feet high, suitable for bedding or bouquets.

PURPLE 5

RED 5

WHITE 5

FINEST MIXED 5

MIGNONETTE.

A well-known, hardy annual, universally grown and esteemed for its delicious fragrance. If well thinned out, the plants will grow stronger and produce larger spikes of bloom.

Mignonette, Sweet.

Large flowered variety, very fragrant. Per ounce, 15c. 5

Dwarf, Compact.

A very desirable variety, distinct in character, forming a dwarf, dense bush 5

Large Flowered, Pyramidal.

Greatly superior to the old variety of pyramidal growth

and much larger flowers 5

Machet.

The finest variety for pot culture; sweet-scented, red flowers 5

Parson's White.

Flowers nearly white; a desirable variety 5

Pyramidal Bouquet.

A variety of dwarf pyramidal growth and large spikes of reddish flowers 5

Allen's Defiance.

Under favorable conditions, spikes will grow from twelve to fifteen inches long, and are deliciously fragrant. Its great strength and extraordinary keeping qualities surpass other varieties, spikes having been kept two weeks after cutting 10



MIGNONETTE.

MIMULUS.

Per Pkt.

Handsome, profuse-blooming plants, with flowers of singular form and brilliant colors, fine for greenhouse or shady situations. Half-hardy perennials, blooming from seed the first year.

FINE MIXED 10

MUSK PLANT.

Much esteemed for the strong musk odor of its leaves. It has a yellow bloom 10

NEMOPHILA.

Charming hardy, low annual, producing an abundance of extremely delicate and beautiful flowers. Very useful for bedding or for pot culture. Sow early in pots and transplant into a cool, rather moist, location.

INSIGNIS. Clear, bright blue, white center 5

FINEST MIXED 5



NICOTIANA SANDERÆ.

NICOTIANA.

Deliciously fragrant flowers, very ornamental, of easy cultivation, excellent for cutting. Half-hardy annuals.

AFFINIS. White, very fragrant 5

ATROPURPUREA GRANDIFLORA. Crimson; 4 ft. 5

COLOSSEA. Reddish foliage; very handsome; 10 ft. 10

SANDERÆ. Branching habit; 2 ft. Strikingly beautiful plants. Blossoms brilliant carmine-red; delicious fragrance. 15

NIEREMBERGIA GRACILIS.

Profuse-blooming little plants, with white, lilac-shaped flowers; exceedingly valuable for small beds, edging and rustic baskets or vases. Half-hardy perennials 10

NOLANA.

Very pretty trailing, hardy annuals; fine for rockwork, hanging baskets or for bedding. Select light, rich soil.

FINE MIXED 5

NASTURTIUM. (Tall.)

One of the most popular flowers of the present time, and constantly growing in favor. Is a rapid climber, of easiest culture, bearing beautifully colored flowers in profusion until killed by frost. Hardy annual.

The K. & W. Mixed Varieties, both Tall and Dwarf, cannot be surpassed for brilliancy and variety of color. The plants, for about three months in the year, produce a lavish profusion of bloom, even through the hottest weather, and a trial of them is sure to give great satisfaction.

COCCINEUM. Scarlet 5

CRIMSON 5

NASTURTIUM—Continued.

Per Pkt.

DUNNETT'S ORANGE 5

EDUARD OTTO. Brownish lilac 5

HEINEMANNI. Chocolate color 5

PEARL. Whitish 5

PRINCE HENRY. Yellow, marbled scarlet 5

REGELIANUM. Purplish violet 5

SHELLINGI. Yellow spotted 5

SCHUECRANUM. Straw colored, spotted brown 5

VESUVIUS. Salmon, dark-leaved 5

VON MOLTKE. Dark rose 5

YELLOW 5

"K. & W." Mixed Varieties. Ounce 15c. 5

COLLECTION OF 6 PKTS., 25c.; 12 PKTS., 40c.

NASTURTIUM LOBBIANUM.

This class is remarkable for the intensely brilliant colors of its flowers, blooming most profusely, and is very useful for covering verandas, or for trellis and rustic work. Half-hardy annual.

MADAME GUNTER HYBRIDS. A French strain, noted for its fine colors 5

MARGUERITE. Pale yellow, flushed blood red 5

FINE MIXED 5



NASTURTIUM.

NASTURTIUM. (Dwarf.)

The dwarf improved varieties of nasturtium are among the most useful and beautiful of garden favorites for bedding, massing or ribboning. Hardy annuals.

CLOTH OF GOLD. Golden yellow foliage, scarlet flowers. 5

CRYSTAL PALACE GEM. Sulphur, spotted with maroon. 5

EMPRESS OF INDIA. Very dwarf, with dark tinted foliage; flowers brilliant crimson 5

KING THEODORE. Flowers very dark 5

KING OF TOM THUMB. Flowers brilliant scarlet 5

CRIMSON 5

SCARLET 5

YELLOW 5

"K. & W." Mixed Varieties. Ounce 15c. 5

COLLECTION OF 6, PKTS., 25c.

OXALIS.

Elegant flowering plants, particularly adapted for the greenhouse or parlor, where they bloom in mid-winter.

FINE MIXED VARIETIES 10

OENOTHERA. (Evening Primrose.)

A well-known, showy perennial, one and one-half feet high, blooming the first year from seed.

ODORATA. Sweet-scented yellow flowers; 1 ft. 5

SWEET PEAS.



SWEET PEAS.

Sweet peas are among the most desirable hardy annuals grown, being exceedingly beautiful and highly ornamental, and will grow and blossom well in any good garden soil. Select an open, sunny location, and sow as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer.

	Pkt.	Oz.
ADMIRATION. Brilliant red and white striped.....	5	10
AMERICA. Crimson scarlet, irregularly striped.....	5	10
APPLE BLOSSOM. Rosy pink, blending with white...	5	10
AURORA. Orange, rose and white striped.....	5	10
BLACK KNIGHT. Deep maroon.....	5	10
BLUSHING BEAUTY. Very beautiful, flesh pink.....	5	10
BLANCHE BURPEE. Pure white.....	5	10
BLANCHE FERRY. Extra early; standards carmine pink, wings almost pure white.....	5	10
BURPEE'S EARLIEST WHITE. Extremely early; clear white.....	5	10
CAPTAIN OF THE BLUES. Blue and purple.....	5	10
CAPTIVATION. A beautiful light claret.....	5	10
COCINEA. Cherry red.....	5	10
COQUETTE. Primrose and very light purple.....	5	10
COUNTESS OF CADOGAN. Lilac and blue.....	5	10
COUNTESS OF LATHOM. Delicate cream pink.....	5	10
COUNTESS OF RADNOR. Pale lavender; lovely flower	5	10

	Pkt.	Oz.
COUNTESS SPENCER. Giant flowering; silvery white, suffused with soft, rosy pink.....	10	
DAINTY. Crystal white, with pink edge.....	5	10
DOROTHY TENNANT. Rose purple.....	5	10
DUKE OF CLARENCE. A brilliant, dark claret.....	5	10
DUKE OF SUTHERLAND. Dark purple and violet....	5	10
DUKE OF WESTMINSTER. Deep purple.....	5	10
EARLIEST OF ALL. Rose and white; fine for forcing	5	10
EMILY ECKFORD. Rose-lilac and blue.....	5	10
EMILY HENDERSON. Large white.....	5	10
FASCINATION. Tints of blue and lilac.....	5	10
FIREFLY. Bright red.....	5	10
GEORGE GORDON. Reddish maroon.....	5	10
GLADYS UNWIN. Large light pink.....	10	
GOLDEN ROSE. Light primrose and rosy pink.....	5	10
GORGEOUS. Scarlet, orange and rose.....	5	10
GRAY FRIAR. Purple shadings on white ground....	5	10
HELEN LEWIS. Giant flowering; orange pink.....	10	
HELEN PIERCE. Blue mottled on white.....	5	10
HENRY ECKFORD. Large flowering; orange scarlet.	5	10
HON. F. BOUVERIE. Deep pink, shading to light pink.....	5	10
HON. MRS. E. KENYON. Large primrose yellow....	5	10
JANET SCOTT. Soft rosy pink and buff.....	5	10
JOHN INGMAN. Giant flowering; magenta rose....	10	
KATHERINE TRACY. Brilliant pink; large flowering	5	10
KING EDWARD VII. Bright red.....	5	10
LADY GRISEL HAMILTON. Pale lavender.....	5	10
LADY MARY CURRIE. Salmon-pink and carmine...	5	10
LADY NINA BALFOUR. Mauve and lavender.....	5	10
LADY PENZANCE. Delicate rose.....	5	10
LORD ROSEBERRY. Magenta rose.....	5	10
LOTTIE ECKFORD. White, blended with blue lilac...	5	10
LOTTIE HUTCHINS. Light pink and primrose striped	5	10
LOVELY. Deep pink, shading to light pink.....	5	10
MAJESTIC. Deep rose crimson.....	5	10
MARS. Bright fiery crimson.....	5	10
MISS WILLMOTT. Large orange pink.....	5	10
MODESTY. White with pink edge.....	5	10
MONARCH. Bronze crimson and blue.....	5	10
MONT. BLANC. Early white; fine for forcing.....	5	10
MRS. DUGDALE. Crimson rose.....	5	10
MRS. ECKFORD. White, shaded with primrose.....	5	10
NAVY BLUE. Indigo blue and violet.....	5	10
ORIENTAL. Cream, heavily veined with salmon....	5	10
OTHELLO. Dark, glossy maroon.....	5	10
PAINTED LADY. Rosy crimson and bluish white....	5	10
PHYLLIS UNWIN. Bright pink.....	10	
PRIMA DONNA. Lovely shade of soft pink.....	5	10
PRINCE EDWARD OF YORK. Scarlet and crimson...	5	10
PRINCE OF WALES. Bright rose and crimson.....	5	10
QUEEN ALEXANDRA. Scarlet.....	10	
QUEEN VICTORIA. Soft primrose yellow.....	5	10
RAMONA. Cream white, splashed with pale pink...	5	10
ROYAL ROSE. Crimson pink, shaded light pink....	5	10
SADIE BURPEE. Pure pearly white.....	5	10
SALOPIAN. Deep crimson and orange scarlet.....	5	10
SENSATION. Rosy cream, with white wings.....	5	10
SHAZADA. Dark maroon and violet.....	5	10
STELLA MORSE. Deep cream, with bluish pink edge.	5	10
STANLEY. Deep maroon.....	5	10
SYBIL ECKFORD. Buff and pink.....	10	
VENUS. Salmon-buff and rosy pink.....	5	10

"K. & W." CHOICE MIXED. This splendid assortment is a mixture of the finest varieties produced, the flowers being of the largest sorts, and so combined as to give the most delightful harmony of colors.

1 lb.	½ lb.	¼ lb.	Oz.	Pkt.
.50	.30	.20	.10	.05

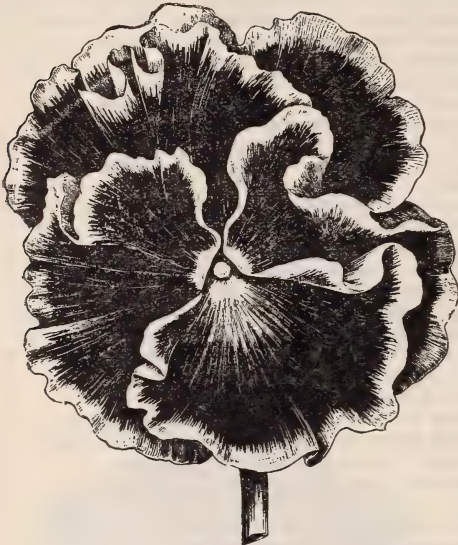
PRICES FOR ANY OF THE ABOVE FIVE-CENT PACKAGES: 6 pkt. for 25c.; 12 pkts. for 40c.; collection of 75 pkts., \$2.25.

SWEET PEAS—Continued.**DOUBLE-FLOWERING SWEET PEAS.**

	Pkt.	Oz.
These produce usually 20 to 40 per cent. of beautiful double blossoms; generally doubles and singles are borne about half and half on each stem.		
BRIDE OF NIAGARA. Rose and white.....	10	
DOUBLE BOREATTON. Deep maroon.....	10	
DOUBLE SENATOR. Maroon, violet and white, striped.....	10	
DOUBLE MIXED.....	10	
NEW BUSH SWEET PEAS. Grow in perfect bush form, 16 to 18 inches high, producing flowers of large size.	5	10

EVERLASTING SWEET PEAS.

FINE MIXED.....	5	10
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**PANSY.**

A well-known and universal favorite. Prefers a moist, shady situation; cover during the winter months. Seed sown in August or September, kept in a cold frame through the winter and planted out in the spring, will blossom the whole season. Hardy perennial.

CARTER'S PRIZE. Extra choice strain; very large flowers and choice colors.....	15
GIANT FIVE-SPOTTED. Enormous flowers of perfect symmetry; beautifully blotched with the richest deep velvety plum-crimson, bordered with white and various colors...	15
CARTER'S PEACOCK. Unique flowers of marvelous beauty the upper petals being of a beautiful ultra-marine blue, resembling in shade the peacock feather.....	25
GIANT STRIPED. The perfection of all the striped varieties.	15
BUGNOT. A French variety, of large size, beautiful colors, handsome broad blotches, finely penciled with stripes of delicate hue.....	15
KING OF THE BLACKS. Velvety jet black.....	10
ODIER. Finest blotched.....	10
BLUE. Beautiful light blue.....	10
YELLOW. Pure golden yellow.....	10
PURPLE. Dark rich purple.....	10
WHITE. Pure white; dark eye.....	10
"K. & W." EXTRA CHOICE MIXED. Superb mixture of finest large flowered varieties.....	10
FINEST MIXED.....	5

PASSION FLOWER.

A splendid class of climbers, with curious flowers produced in great profusion; fine for conservatory or will answer for the garden, flowering freely during the autumn.

FINE MIXED.....	10
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PERILLA NANKINENSIS.

An annual, growing from two to two and one-half feet; stems branching well, covered with an ample foliage of a dark purple, almost black.....

5

PETUNIA.

Per Pkt.

**PETUNIA.**

Favorite, hardy annuals, succeeding well in any rich soil. For the brilliancy and variety of their colors, their abundance of flowers, and the long duration of their blooming period, they are indispensable in any garden.

DOUBLE FRINGED. Extremely double, edges finely fringed, petals fluted and crinkled, unmatched by crumpled velvet, which the flowers resemble. 25

SINGLE FRINGED. Choicest fringed sorts..... 15

GRANDIFLORA HYBRIDA. Fine, large flowers, handsomely striped and blotched. Single mixed.....	10
CALIFORNIA GIANTS. A strain of incomparable beauty, size and luxuriance. The flowers are exquisitely ruffled or fringed on the edges, and are enormous.....	25
CARTER'S EMPRESS. Crimson shaded, with lovely penciled throat. Blossoms of grand size and form.....	15
CLEMATIS FLOWERED. Resembling in form the well-known Clematis Jackmanni; dark and light blue.....	15
WHITE. Single, large, pure white.....	5
FINE MIXED. Single varieties.....	5

PHLOX DRUMMONDI.

The flowers are of extreme beauty, and are greatly admired by all. Their long duration in bloom, combined with their almost unequalled richness of color, make them invaluable in the general flower garden. Hardy annuals.

ALBA. Pure white.....	5
ALBA OCCULATA. Pure white, with purple eye.....	5
ATROPURPUREA. Purple.....	5
COCCINEA. Pure deep scarlet.....	5
FINEST MIXED. Ounce \$1.00.....	5

HARDY PERENNIAL.
Fine mixed varieties..... 10

**PHLOX.****PINK. (Dianthus.)****HEDDEWIGI PINK.**

One of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom....

CARNATION. A magnificent class of popular flowers, very fragrant, and of rich and beautiful colors. Hardy perennial. 10

HEDDEWIGI. Flowers very large, and of rich and brilliant color. Hardy annual... 10

CHINESE. Splendid double mixed 5

CARNATION "MARGUERITE." Very early, and when sown in the

spring will bloom in July or August and continue until frost, or may be potted to bloom during the winter in the house. Many of the flowers are double, and are finely fringed and fragrant.

DOUBLE WHITE. Large, perfect flowers.....	10
DOUBLE YELLOW. Clear, soft yellow.....	10
GIANT MIXED. Extra large, flowering profusely, in brightest colors.....	10

POLYANTHUS.

Per Pkt.

Showy and profuse-flowering, hardy perennial, about one foot high, blooming in June and July.

FINEST MIXED..... 10

POPPY.

Brilliant and showy, hardy annual, growing freely in any garden soil. 2 ft.



ADMIRAL POPPY.

ADMIRAL. Single peony-flowered variety. Glistening pure white, with scarlet band around the top; very handsome. 25

CARDINAL. Dark foliage, deeply cut; very double flowers, color vivid scarlet on white ground..... 5

ICELAND. The colors range from pure white and yellow to the deepest orange scarlet. Hardy perennial, blooming the first year from seed..... 5

MIKADO. Double white, fringed flowers, purple margins... 5

ORIENTALE. Deep crimson flowers with black blotch; 3 ft.. 10

PEACOCK. Cup-shaped, crimson blossoms, with ring of black at the base of the petals; equally good for pots or borders 10



SHIRLEY POPPY.

SHIRLEY. Beautiful strain of single mixed poppies; bright, delicate colors; fine for cutting..... 5

TULIP. The plant grows 12 to 14 inches high, and produces well above the foliage 50 to 60 large flowers of the most brilliant scarlet..... 5

WHITE SWAN. The acme of perfection in double poppies. The profusely produced blossoms are perfectly formed, and the purity of their color is beyond reproach..... 10

DOUBLE SCARLET..... 5

FINE DOUBLE MIXED..... 5

**PORTULACA.**

Per Pkt.

Very popular, low-growing, hardy annuals, making a most brilliant display in the garden, and very suitable for borders or edgings. Sow early in warm, light, rich soil and thin plants to four inches.

SINGLE CRIMSON.. 5

SINGLE SCARLET 5

SINGLE WHITE..... 5

SINGLE YELLOW 5

SINGLE, ALL COLORS MIXED 5

DOUBLE FINEST MIXED..... 10

PRIMULA. (Chinese Primrose.)

These are beautiful and desirable plants for the parlor and greenhouse, and produce a constant succession of their charming flowers all through the winter and spring. The seeds may be sown at any time from January to July, in pots, using a light soil.

SINENSIS. White fringed 25

SINENSIS. Crimson 25

EXTRA FINE MIXED..... 25

DOUBLE EXTRA MIXED..... 50

PRINCE'S FEATHER.

Ornamental plants, with elegant plumes of rich colored flowers.

LARGE FLOWERED. Crimson; 2 ft..... 5

**RHODANTHE.**

A well-known everlasting; valuable for the decoration of the conservatory and flower garden; fine for bedding or ribboning. The flowers, if gathered when young, make valuable winter bouquets; succeed best in a light, rich soil and a warm, sheltered situation. Half-hardy annual; 1½ ft.

FINE MIXED..... 10

RICINUS.**(Castor Bean.)**

Per Pkt.



RICINUS.

Plants with very ornamental foliage and showy fruit and quite a tropical appearance. With other ornamental-leaved plants, they make a most attractive bed on the lawn, and are also desirable when grown as single specimens. Half-hardy annuals.

BARBONENSIS ARBOREUS. Beautiful, large foliage; 15 ft..... 5

CAMBODGENSIS. Dark foliage; black stem; 9 ft..... 5

GIGANTEUS. Leaves of an immense size; 12 ft..... 5

SANGUINEUS. Scarlet fruited; 10 ft..... 5

ZANZIBARIENSIS. Immense, dark green foliage; 12 ft..... 5

MIXED VARIETIES 5

ROSE CAMPION.

The rose campion is perfectly hardy and very easily raised from seed. The flowers are produced on long stems, blooming freely throughout the season. Hardy perennials.

FINE MIXED..... 5

RUDBECKIA. (Cone Flower.)

Showy, hardy perennial, suitable for borders or clumps among shrubs.

AMPLEXICAULIS. Golden yellow; 3 ft..... 5

SALPIGLOSSIS.

Very beautiful, rich, half-hardy annuals, one and one-half feet high. Start early in the hot-bed and transplant to light, warm, rich soil. Blooms from July to September.

FINE MIXED..... 10



SALPIGLOSSIS.

SALVIA.

Very ornamental, producing tall spikes of brilliant flowers. Start early in hot-beds and transplant two feet apart. Half-hardy annual.

SPLENDENS. Early brilliant scarlet flowers.... 10

GLORY OF STUTTGART. Brilliant scarlet, large bouquet..... 10

PATENS. Bright blue..... 10

FINE MIXED..... 10



SALVIA.

SCHIZANTHUS.

Tender annual, one to one and one-half feet high, blooming from August to October. Fine for pot culture.

FINE MIXED..... 5

SENSITIVE PLANT.

A pretty, curious annual, being so sensitive that the leaves close together at the slightest touch. 5

SMILAX.

Per Pkt.

A beautiful winter climbing plant, adapted to the conservatory. Nothing can excel this plant in beauty of foliage and orange fragrance of the flower. Extensively used for bouquets and floral decorations of every description.... 5



STOCKS.

STOCKS.

Half-hardy annual, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in the spring, in pots or in the hot-bed, and transplant one foot apart. Blooms from June until October.

WHITE PERPETUAL. (Princess Alice or "Cut and Come Again.") Of fine branching habit, growing to the height of 18 inches. Large double flowers, of rosette-like form. In bloom from June until frost. Color white; fine for forcing..... 10

"CUT AND COME AGAIN." Finest mixed..... 10

BEAUTY OF NICE. Handsome winter stock of quick growth, with flowers of very large size. Color, daybreak pink. Height, 24 to 30 inches. Flowers in from 12 to 15 weeks from seed-sowing, and continues to flower for months..... 15

"QUEEN ALEXANDRA." New variety of same type as Beauty of Nice; flowers delicate rosy lilac, of great beauty, and of exceptionally high value for cut bloom, market and bouquet work. From a summer sowing the plants flower within eight weeks, and sown in February or March they will bloom within four months, thus making this variety valuable either as a summer or a winter stock. The percentage of double flowering plants is very large..... 15

SNOWFLAKE. A dwarf variety, with large, double, snow-white flowers; fine for pot culture; very early..... 15

WHITE. Ten weeks, double..... 10

PURPLE. Ten weeks, double..... 10

SCARLET. Ten weeks, double..... 10

MIXED. Ten weeks, double..... 10

SUNFLOWER.

Well-known, showy plants; remarkable for their rapid and stately growth and the large size and brilliancy of their flowers.

CALIFORNIA. Double, large, bright yellow flowers..... 5

MAMMOTH RUSSIAN. Very large double flowers..... 5

MINIATURE. Dwarf habit, black centre, bright golden petals..... 5

SPHENOGYNE.

A very showy, free-blooming plant, with yellow flowers. Very effective for beds or mixed borders. Hardy annual.... 5

SWEET ROCKET.

Fine early spring flowering plant, very fragrant, growing in any soil. About eighteen inches in height.

FINE MIXED..... 5

SWEET SULTAN.

Showy, hardy annual, one or two feet high, succeeding well in any soil.

FINE MIXED..... 5



SWEET WILLIAM.

SWEET WILLIAM.

Per Pkt.

A well-known, showy and beautiful hardy perennial, about one foot high, making a most splendid appearance in May and June.

HUNT'S PERFECTION.
Mixed variety, large, bright-colored flowers... 5

SWEET CLOVER.

A half-hardy perennial, much resembling the common red clover, and valuable for its fragrance..... 5

TASSEL FLOWER.

A beautiful, half-hardy annual, with small, tassel-like flowers, blooming profusely from July to October.
SCARLET 5

THUNBERGIA.

Very ornamental, trailing, half-hardy annual, admirably adapted for trellis or rustic work, or for the conservatory.
FINE MIXED 10

VENUS LOOKING GLASS.

Very pretty hardy annual. Succeeds well in any soil. Grows about one foot high, and is well adapted to borders or edgings.
FINE MIXED 5

VERBENA.

Well-known and universally popular bedding plant, blooming all summer. Plants grown from seed are more healthy and make larger and harder plants than those from cuttings. If sown in spring will flower quite early. Half-hardy perennial.

CANDIDISSIMA. Pure white..... 10

SCARLET DEPIANCE.
Brightest scarlet.... 10

MAMMOTH FINEST
MIXED 10

FINE MIXED 5
LEMON VERBENA. Lemon-scented foliage 10



VERBENA.

VIOLA ODORATA. (Sweet Violet.)

A charming little perennial, highly prized on account of its delicious fragrance. Succeeds best in a sheltered location..... 10

VIRGINIA STOCK.

Per Pkt.

A pretty, hardy annual, adapted for growing in small beds or for edgings.

RED AND WHITE MIXED 5

VISCARIA.

Very pretty, profuse-flowering, half-hardy annual, producing a fine effect in beds or mixed borders, and growing readily in any soil.

FINE MIXED 5

WALLFLOWER.

Very fragrant and ornamental, half-hardy perennial, suitable for background and amongst shrubbery.

FINE MIXED 5

WHITLAVIA.

Charming, hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers; fine for ribboning or mixed borders; 1 ft.

FINE MIXED 5

WILD CUCUMBER VINE.

A very rapid-growing climber, which reaches a height of 20 feet in one season. It is covered with clusters of white, sweet-scented flowers, followed by an abundance of ornamental prickly seed pods. It will quickly cover a trellis, pillar, or an unsightly building, and will reproduce itself from self-sown seed every year. Soak seed over night in warm water. Hardy annual..... 5

ZE. (Japanese Maize.)

An ornamental foliage plant. Grows to the height of four or five feet, furnished from the bottom with long, wavy leaves, broadly ribboned with alternate stripes of white and green.

STRIPED 5

ZINNIA.

A most splendid class of hardy annuals, and one of the finest summer flowering plants. The flowers are large, handsome and in a very great variety of colors, blooming throughout the whole season. Start early in pots or under glass and transplant one foot apart.

HAAGEANA. Double, orange; 1 ft 5

NEW ZEBRA. Double dwarf; finest mixed 10

ELEGANS. Single; fine mixed 5

DOUBLE GIANT MIXED 5



DOUBLE ZINNIA.

WILD GARDEN SEED.

A mixture of over one hundred varieties of flower seeds 5

SPECIAL OFFER IN FLOWER AND VEGETABLE SEEDS.

\$1.00 30 5c. Pkts., or 15 10c. Pkts., **\$1.00**

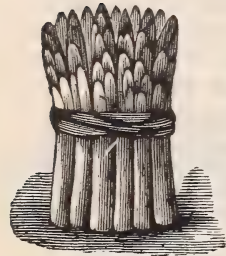
The above may be selected by the purchaser from any varieties found in our catalogue, and will be sent free by mail, on receipt of price.

A GENERAL LIST OF
VEGETABLE SEEDS

We forward seeds by **Mail** or **Express** as the purchaser may wish. When ordered by mail, add postage for beans and peas at the rate of 15 cents per quart, and for corn 10 cents per quart to Catalogue prices.

Half pounds furnished at Pound Rates.

Half bushels furnished at Bushel Rates.



ASPARAGUS.

Sow early in May, thinly, in rows one inch deep and two feet apart. The next season plant in drills two inches deep and two feet apart, spreading the roots well out in ground thoroughly manured and trenched, at least two feet deep.

	Pkt.	Oz.	$\frac{1}{2}$ lb.	Lb.
Conover's Colossal. The best variety .....	.05	.10	.15	.40
Conover's Colossal Roots. Two years old, per 100	\$1.25			

In consequence of the great bulk of asparagus roots we cannot send them by mail.

ENGLISH BEANS.

Plant as early in the spring as the ground can be worked, from two to four inches apart, in drills from twenty-four to thirty inches apart. As soon as the plants are in full blossom, and the lower pods begin to set, pinch off the tops; this will insure the filling of the pods and hasten the maturity of the seed.

Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage. Pints furnished at quart rates.

	Pkt.	Qt.	Pk.
Broad Windsor. The best sort; very hardy .....	.10	.30	\$1.75

BEANS—Dwarf or Bush.

A succession of sowings can be made from the first week in May until August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart. *One quart is sufficient for one hundred feet of drill; 1½ bushels for one acre in drills.*

	Qt.	Pk.	Bu.
Burpee's Bush Lima. <i>The only bush form of the true large Lima bean. The bushes grow eighteen to twenty inches high. Is an immense yielder of handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Lima.</i> .....	.35	\$1.75	\$6.00
Burpee's Stringless Green Pod. <i>Very early. Pods four and a half to five and a half inches long, nearly round, slightly curved, light green in color, flesh tender and of the best quality.</i> .....	.20	1.25	4.00
Low's Champion. <i>Early, hardy, thrifty and enormously productive; combines extreme tenderness and delicious flavor, being absolutely without strings to the pods, and excels many other varieties as a snap or string bean. As a shell bean it has but few equals, and is of splendid flavor when cooked dry</i> .....	.20	1.25	4.00
Early Long Yellow Six Weeks. Hardy and prolific .....	.20	1.25	4.00
Early Valentine. Round pods, early, good flavor .....	.20	1.25	4.00
Early Mohawk. Very productive and of good quality .....	.20	1.25	4.00
Dwarf Horticultural. A fine early shell bean .....	.20	1.25	4.00
Milliken's Wax. An extra early variety. The bushes grow from 12 to 16 inches high, producing golden yellow pods that are entirely stringless and very productive .....	.25	1.50	5.00
Wardwell's Kidney Wax. Hardy and vigorous vine, producing a heavy crop of handsome yellow pods, stringless and brittle. Beans large, kidney shaped .....	.25	1.50	5.00

BEANS—Continued.

	Qt.	Pk.	Bu.
Early Golden-Eyed Wax. Hardy and prolific, with flat, yellow pods.....	.20	\$1.25	\$4.00
Davis' White Wax. Pods and seeds white and of rich flavor.....	.25	1.25	4.50
Golden Wax. Very early; round golden pods.....	.20	1.25	4.00
Black Wax. Pods yellow; a superior snap bean.....	.25	1.50	4.25
Currie's Rust-Proof Wax. Pods long, flat, tender and of fine quality.....	.25	1.50	4.25
Snowflake Pea. A decided improvement on the common pea bean. Enormously productive and very early.....	.20	1.00	3.50
Improved Yellow Eye. Very prolific; fine for baking.....	.20	1.00	3.25

BEANS—Pole or Running.

The planting of the various sorts of pole beans should be delayed a week or more after the first planting of the early dwarf sorts. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

One quart will plant one hundred and fifty hills; ten to twelve quarts to the acre.

**KENTUCKY WONDER.****KING HORTICULTURAL.**

An early, robust grower, the pods being large, stringless, and bright carmine. Tender and of delicious flavor.

Qt., 30c.; Pk., \$1.75; Bu., \$6.00

	Qt.	Pk.	Bu.
London Horticultural. An old favorite. Very productive and excellent as a snap or shell bean.....	.20	\$1.25	\$4.75
Red Cranberry. Almost stringless; one of the very best of string beans.....	.20	1.25	5.00
Lazy Wife's. Abundantly productive, and of excellent flavor, with long, green, fleshy and stringless pods....	.25	1.50	5.00
Kentucky Wonder. Very productive, and of fine quality. Entirely stringless pods, of a silvery green color.....	.25	1.50	5.00
Indian Chief, or Black Wax. A very tender snap bean; yellow pods.....	.25	1.50	5.00
White Case Knife. Good green-podded variety.....	.25	1.50	5.00
Large Lima. A large, late variety of excellent flavor....	.35	1.75	6.00
Small Lima. Earlier and hardier than the preceding....	.35	1.75	6.50

FLOWERING BEANS.

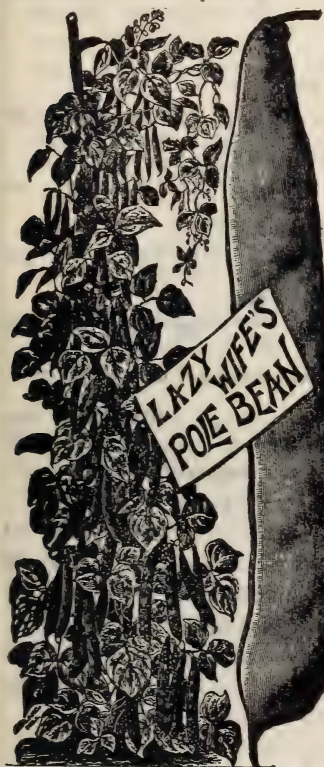
Valuable for use on trellises and arbors, being highly ornamental and free climbers; plants are of strong, quick growth, bearing large sprays of handsome flowers.

Pkt. Qt.

BUTTERFLY. Beautiful, large, snow-white wings, with salmon-rose standard..... .10

Scarlet Runner. Very ornamental, bright scarlet flowers..... .10 .30

White Runner. Similar to above, flowers being white..... .10 .30

**BUTTERFLY BEAN.**

BEET.

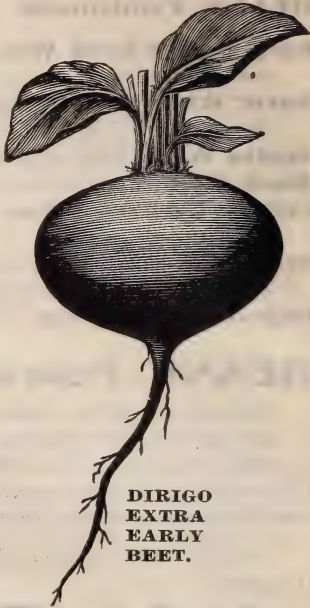
The best results are obtained on a deep, rich, sandy loam. For early use sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches; for the main crop, sow the first week in May, and for winter use as late as June. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.

One ounce to fifty feet of drill; six pounds to the acre.

	Pkt.	Oz.	¼ lb.	Lb.
Dirigo Extra Early. A rich, blood-red beet of fine grain and flavor, earlier than the Egyptian or the Eclipse.....	.05	.10	.25	.75
Egyptian Blood Turnip. Very early and of rapid growth; color, deep crimson; of excellent quality...	.05	.10	.20	.50
Crosby's Egyptian. An improved strain of the Egyptian beet .....	.05	.10	.25	.60
Eclipse. This variety is about as early as the Egyptian, but larger and of finer quality; color, dark crimson..	.05	.10	.20	.50
Edmand's Early Turnip. A variety of handsome round shape. The skin is deep blood red in color, the flesh very dark and exceedingly sweet and tender in quality.....	.05	.10	.20	.50



DEWING'S TURNIP
BLOOD BEET.



DIRIGO
EXTRA
EARLY
BEET.

Dewing's Blood Turnip. Of fine form and flavor, and deep blood red; a desirable variety .....	.05	.10	.20	.50
Detroit Dark Red. Similar in shape to the Dewing's, of dark red color, with small tops.....	.05	.10	.20	.50
Long Smooth Blood Red. This is a long, smooth beet, growing to a good size; color, dark blood red.....	.05	.10	.20	.50
Swiss Chard. Leaves used as greens; mid rib cooked and served as asparagus.....	.05	.10	.20	.50

Varieties grown for feeding stock. Sow in May or June—6 lbs. per acre.

	Pkt.	¼ lb.	Lb.
White French Sugar Beet. Largely cultivated for feeding.....	.05	.12	.30
Lane's Imperial Sugar Beet. A greatly improved variety of the White French Sugar..	.05	.15	.35
Allén's Mammoth Long Red Mangel Wurzel. A variety producing roots of mammoth size.....	.05	.12	.30
Norbiton Giant Mangel Wurzel. Extra fine long red; very large .....	.05	.12	.30
Yellow Globe Mangel Wurzel. Roots of large size and globular form; very productive	.05	.12	.30
Carter's Warden Orange Globe Mangel Wurzel. The very best globe-shaped variety in cultivation.....	.05	.12	.30
Golden Tankard Mangel Wurzel. Bright yellow; very productive .....	.05	.12	.30

BROCCOLI.

Broccoli is nearly allied to the cauliflower, and may be regarded as a variety of that delicious vegetable. It is hardy and sure to head, but inferior in flavor.

	Pkt.	Oz.
Purple Cape. Heads greenish purple; a good variety .....	.05	.30
White Cape. Very white; sure to head; standard sort .....	.05	.30

BRUSSELS SPROUTS.

Produces from the stem small heads resembling cabbage in miniature. The sprouts are used as greens, and become very tender when touched by the frost. Sow in May and manage as winter cabbage.

	Pkt.	Oz.	¼ lb.
Improved Dwarf. A variety of excellent quality .....	.05	.15	.50



COLUMBIA CABBAGE.

CABBAGE.

The cabbage is one of the most important vegetables, and some of its varieties are universally cultivated. The ground must be highly manured, deeply dug or ploughed, and thoroughly worked, to insure good, full-sized heads. A heavy, moist and fresh loam is the most suitable. The early sorts should be sown very early in the spring, in hot-beds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

One ounce will produce about 3,000 plants.

Pkt. Oz. $\frac{1}{2}$ lb. Lb.

COLUMBIA. One of the earliest and most compact of all large early cabbage. Is hardy and vigorous; produces splendid solid heads, of marketable size, and is recommended as the peer of all summer varieties.....

.10 .40 \$1.25 \$4.00

Early Jersey Wakefield. A standard early variety for home use or market..... .05 .25 .75 2.50

Charleston Wakefield. Resembles the Jersey Wakefield, heads larger and more uniform. .05 .25 .75 \$2.50

Henderson's Early Summer. The earliest of large cabbages, coming in but a few days later than the Wakefield; heads of large size, very solid and compact..... .05 .20 .60 2.00

Early Winningstadt. An excellent sort; heads of large size..... .05 .15 .50 1.75

All Seasons. Larger than Henderson's Early Summer, nearly as early; very solid and sure heading.....

.05 .20 .60 \$2.00

Fottler's Improved Brunswick. An excellent early Drumhead variety; produces a firm and solid head..... .05 .25 .75 2.50

Premium Flat Dutch. A standard late variety..... .05 .15 .50 1.75

Stone-Mason Drumhead. One of the best for a main crop..... .05 .20 .65 2.25

STONE-MASON DRUMHEAD. Cape Elizabeth grown. A great improvement on the above, being absolutely reliable, and having a medium-sized, round, hard head. An excellent winter variety..... .10 .35 1.00 3.50

Henderson's Succession. An excellent, second-early or late sort..... .05 .20 .60 2.00

Marblehead Mammoth Drumhead. The largest variety of Drumheads.05 .20 .60 2.00

Danish Ball Head (imported)05 .25 .75 2.50

DANISH BALL HEAD OR HOLLANDER. Cape Elizabeth grown. A valuable, perfectly round, solid, winter variety. Is a long keeper, and profitable for shipping, keeping long after other sorts have gone..... .10 .40 1.25 4.00

Improved American Savoy. Very sweet and tender; good sized, firm heads; very reliable and much esteemed for family use..... .05 .20 .65 2.25

Mammoth Red Rock. Used almost exclusively for pickling05 .20 .60 2.25

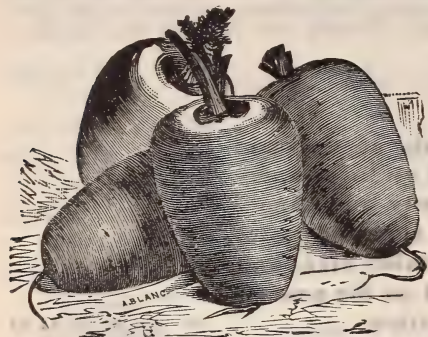


FOTTLER'S IMPROVED BRUNSWICK CABBAGE.

CARROT.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, and for table use sow the smaller varieties in rows sixteen to eighteen inches apart. For early crops, cover one-half an inch deep, and thin to six inches apart in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

One ounce to one hundred feet of drill; three to four pounds to the acre.



OXHEART CARROT.

	Pkt.	Oz.	½ lb.	Lb.
Early French Forcing. The earliest variety; valuable for forcing.....	.05	.10	.30	\$1.00
Early Horn. Early, fine grain, medium size. An excellent table sort.....	.05	.10	.25	.85
Oxheart. Very thick and short, fine grained and sweet.....	.05	.10	.25	.75
Chantenay. A choice variety; longer than the Scarlet Horn, and a little broader at the top.....	.05	.10	.25	.75
Danver's Half Long. In form it is midway between the Long Orange and Short Horn. The root is of a rich, dark orange color, and grows very smooth. Very productive and keeps well.....	.05	.10	.25	.75

Improved Long Orange. The best late variety. Roots of large size, heavy cropper, an excellent keeper.....	.05	.10	.25	.75
Large White Belgian. Large, long-rooted variety; valuable for feeding.....	.05	.10	.20	.60

CAULIFLOWER.

Any soil that will grow early cabbages will grow cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seeds may be sown in the hot-bed in March or April, and transplanted to open ground about the first of May.

One ounce will produce about 3,000 plants.

	Pkt.	Oz.
Extra Early Dwarf Erfurt. The earliest variety; large, compact heads, of fine quality.....	.15	\$2.00
Henderson's Early Snowball. One of the early sorts. Very reliable and grown largely for the market.....	.20	2.00
THORBURN'S GILT EDGE. Large, heavy sort; one of the best and surest of all the sorts now in cultivation.....	.20	2.25
Carter's Dwarf Mammoth. A hardy variety, of dwarf and compact habit, with a firm, white head; stands dry weather.....	.10	1.00



CAULIFLOWER.

CELERY.

To have celery early it should be sown in a hot-bed, quite early in the spring, and when three inches high plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop sow early in the spring, very shallow in the seed-bed, and when the plants are about six inches high transplant them six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well-rotted manure, and mix thoroughly half a spade deep with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch three or four times during their growth, taking care that no earth falls in the center of the plant.

One ounce of seed produces about 4,000 plants.

	Pkt.	Oz.	½ lb.
Boston Market. A favorite variety, remarkable for its tender, crisp and succulent stems, and its peculiarly mild flavor; keeps well.....	.05	.20	.60
Henderson's White Plume. Crisp, solid and possessing a sweet, nutty flavor; requires very little labor in blanching. Very early and handsome.....	.05	.20	.60



GOLDEN SELF-BLANCHING CELERY.

CELERY—Continued.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Pink Plume. Similar to White Plume, except in color; of superior quality and a compact grower .....	.05	.20	.60	
Golden Self-Blanching. A fine, solid variety, of a beautiful waxy, golden color; very thick stalks of excellent flavor; growth close, compact and of medium height...	.05	.30	\$1.00	
Giant Pascal. An easily blanched variety, superior for late use .....	.05	.20	.60	
Soup Celery. Used for flavoring pickles, soups, etc.....	.05	.10	.30	

CHERVIL.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.....	.05	.10	.25

CHICORY.

Large Rooted. Used to mix with, or as a substitute for coffee. Cultivation same as the carrot.....	.05	.10	.25
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CORN—Sweet.

The sweet or sugar varieties, being liable to rot in cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July, in rich, well-manured ground, in hills three feet apart each way, covering about an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.

One quart to two hundred hills; ten quarts to an acre.

Corn ordered by mail is subject to an extra charge of ten cents per quart for postage. Pints furnished at quart rates.

	Pkt.	Qt.	Pk.	Bu.
PEEP O'DAY. Extremely early, very sweet, and one of the first to mature. Stalks from 3 1-2 to 4 1-2 feet in height, with from 2 to 5 ears each. Small, white cob, with rich, tender kernel .....	.10	.25	\$1.25	\$4.00

Cory. Very early, dwarf variety, desirable for private or market gardens

White Cory. Similar to the above, with white cob

Burbank's Early. As early as the Cory. Has a pure white cob, with a rich cream-white kernel; sweet and juicy.....

Early Marblehead. This resembles very closely the Cory, but is not quite as early.

CROSBY'S EXTRA EARLY. The best early sort, is sweet and of fine flavor. Very dwarf, with ears set low, averaging from twelve to sixteen rows. An excellent market variety, and largely grown for canning. The stock offered is from our own growing.....

Early Crosby. Similar to the above, but the stalks are taller and heavier, the ears being much larger; nearly ten days later.

GOLDEN BANTAM. A superior variety of a bright golden color; is very hardy and productive and is of a rich sugary flavor.....

Stowell's Evergreen. A late variety of excellent quality, remaining longer in the green state than any other kind

Potter's Excelsior. Twelve-rowed, very sweet and tender.....

Country Gentleman. Medium early and productive

Black Mexican. Grain bluish-black, especially rich in sugar qualities



CROSBY'S EXTRA EARLY SWEET CORN.

FIELD AND ENSILAGE CORN.

	Qt.	Pk.	Bu.
Winn's Hybrid. A very fine field variety, with large ears; safe to plant in this state; yields large crops.....	.20	.75	\$2.50
Longfellow. A fine field variety, having very long ears, small cob, and large kernel .....	.20	.60	2.00
Evergreen Fodder. Sweet corn for ensilage.....		.60	2.00
Red Cob Ensilage. A pure white corn. Is tender and juicy, has short joints, and grows to a great height, with an abundance of leaves.....		.35	1.25
Leaming. An early, very productive variety. One of the best for ensilage; profitable as a green fodder .....		.35	1.25
Early Sanford. Very early; ears white; excellent for fodder and ensilage.....		.50	1.75



EVERGREEN FODDER CORN.

A well-known salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals to keep up a succession, as it soon runs to seed.

	Pkt.	Oz.	1/2 lb.
Extra Curled. Very fine; may be cut two or three times.....	.05	.10	.20
Water Cress. A hardy perennial aquatic plant, growing in water along the margins of streams .....	.10	.40	\$1.25



IMPROVED WHITE SPINE CUCUMBER.

CUCUMBER.

The cucumber is a tender annual, and therefore should not be planted or set out in the open air until there is a prospect of continued warm and pleasant weather. Cucumbers succeed best in warm, moist, rich, loamy ground. The hills should be four or five feet apart in each direction. When all danger from insects is passed, leave but three or four of the strongest plants in the hill.

One ounce to fifty hills.



CUMBERLAND CUCUMBER.



LONG GREEN CUCUMBER.

CUMBERLAND. A variety of the Improved White Spine type. Is a splendid table sort, and excellent for pickling. Color, deep green, with white tip; flesh firm; very crisp and tender.....

	Pkt.	Oz.	1/2 lb.	Lb.
Early Russian. The earliest variety.....	.05	.15	.40	\$1.00
Early Frame. An early standard variety, about five inches long.....	.05	.10	.25	.75
Improved White Spine. Superior for table use; very productive; medium size, straight and well formed; a favorite market variety .....	.05	.10	.25	.75
Early Green Cluster. Grows in clusters; early and productive.....	.05	.10	.25	.75
Short Green. Similar to Early Frame.....	.05	.10	.25	.75
Long Green. Long and crisp; a popular and reliable variety for pickling.....	.05	.10	.25	.75
Boston Pickling. The finest variety to grow for pickles; yields large crops; short, straight and dark green.....	.05	.10	.25	.75
West India Gherkin. Small prickly variety; grown exclusively for pickling.....	.05	.15	.50	

CUCUMBER—Continued.

- Japanese Climbing.** Quick, strong growing vines, which may be trained upon a trellis or poles. Fruit from 12 to 16 inches in length, skin dark green, flesh pure white, crisp and of fine flavor..... Pkt. Oz. ½ lb. .05 .15 .40
- Lemon.** A distinct type; nearly round, with the yellow and green markings and smooth skin of the Lemon, while the flesh is exceedingly tender, crisp and sweet..... .10 .25
- English Frame Varieties.** Should be grown in hot-beds.
TELEGRAPH, CARTER'S MODEL, TENDER AND TRUE, Pkt., 25c.

JAPANESE CLIMBING
CUCUMBER.

DANDELION.

A hardy perennial plant, with broad, thick leaves, affording one of the earliest as well as one of the most healthful of spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows twelve inches apart, covering seed one-fourth of an inch deep, the earth firmly pressed over the seed.



One ounce to one hundred feet of drill. IMPROVED FRENCH THICK-LEAVED DANDELION.

- Improved French Thick-Leaved.** The best variety..... Pkt. Oz. ½ lb. Lb. .10 .40 \$1.25 \$4.50

EGG PLANT.

The egg plant will thrive well in any good garden soil. Sow in the hot-bed, and when two or three inches high prick out into pots, or rows two and one-half to three inches apart. When the weather will permit, transplant into good, rich soil, thirty inches apart each way.

- New York Improved Purple.** The leading market variety; very productive..... Pkt. Oz. .10 .30
- Early Long Purple.** Hardy and productive..... .10 .25
- White.** Choice, for ornamental use..... .10 .25

ENDIVE.

For early use, sow in May, scattering the seed thinly in drills ten inches apart, covering it lightly, and for a succession, every two or three weeks until mid-summer. The plants must be blanched before using, which is accomplished by gathering the large outer leaves to a point at the top, and tying them together.

- White Curled.** For early use..... .05 .15
- Green Curled.** Best for late crop..... .05 .15

KALE OR BORECOLE.

Sow early in May in a prepared bed, covering the seed lightly. Transplant in June, and treat in the same manner as for cabbage.

- Green Curled Scotch.** A round dwarf variety, rarely exceeding eighteen inches in height, but spreading out under good cultivation to three feet in diameter..... Pkt. Oz. ½ lb. .05 .10 .30

KOHLRABI.

A vegetable intermediate between the cabbage and turnip. It is best cultivated by sowing the seeds in rows, in May, June and July, according to latitude.

- Early White.** Flesh white and tender; the best market sort..... Pkt. Oz. ½ lb. Lb. .05 .25 .60 \$2.00
- Early Purple.** Differing from the above in color, being of a bluish purple..... .05 .25 .60 2.00

LEEK.

The leek is very hardy and easily cultivated. It succeeds best in a light, well-enriched soil. Sow as early in the spring as practicable, in drills one inch deep, and one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

- London Broad Flag.** A large variety with broad leaves..... .05 .15 .35 \$1.00

LETTUCE.

Lettuce thrives best in rich, moist ground. Sow the seeds in hot-beds in February or March, and transplant into a sheltered border with a southern exposure. For successive crops, sowing may be made in the open ground as early as spring opens, and continuing until July.

One ounce to one hundred and twenty feet of drill.

LETTUCE—Continued.



VICTORIA CABBAGE LETTUCE.



BOSTON CURLED LETTUCE.

	Pkt.	Oz.	½ lb.
Hillinger's Belmont Forcing. Larger than the White-seeded Tennisball, nearly as early and of excellent quality; a choice strain for forcing.....	.10	.40	\$1.50
Early Curled Silesia. Fine for summer use.....	.05	.15	.40
Victoria Cabbage. Hardy and fine for early sowing.....	.05	.15	.40
Black-Seeded Tennisball. Popular for open-air culture; heads compact, crisp and tender.....	.05	.25	.75
White-Seeded Tennisball. A good early sort, used largely for forcing.....	.05	.15	.40
Boston Curled. A variety of great beauty and of very superior quality. Leaves beautifully curled; attractive on table.....	.05	.20	.50
Hanson. Heads very large, solid, tender, crisp and of fine flavor; color beautiful green outside and white within.....	.05	.15	.40
Mignonette. Small, compact, creamy-yellow heads, tinged outside with russet; of superior quality, sweet, crisp and tender, very early and hardy; excellent "all seasons" variety..	.05	.25	.65
Golden Queen. Medium sized; golden-yellow heads, tender and crisp; a fine early head variety for forcing or open ground culture.....	.05	.25	.65
Salamander. A fine summer lettuce. Is slow to run to seed, and will stand the drought and heat better than other varieties.....	.05	.15	.40
Deacon. Large and very solid heads, crisp and tender.....	.05	.15	.40
Big Boston. Fine for forcing in cold frames, and for planting in the open ground.....	.05	.15	.40
Brown Dutch. A large, hardy variety.....	.05	.15	.40

MARTYNIA.

A strong growing, hardy annual, with curious-shaped seed-pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance, and should be gathered when about half grown. Plant in May or June, in rows two feet apart, making hills about a foot apart.

Martynia Probosidea. Best for pickling.....	.05	.25	.75
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MELON—Musk.

MONTREAL
MELON.

Melons thrive best in a moderately enriched, light soil. The hills should be six feet apart each way. After all danger of frost is passed, plant twelve or fifteen seeds in each hill, and when well up, thin out to three or four plants.

One ounce to sixty hills; two to three pounds for an acre.

	Pkt.	Oz.	½ lb.	Lb.
Emerald Gem. Medium size; flesh rich salmon, of delicious flavor and superior quality; early and prolific.....	.05	.15	.40	\$1.25
Green Citron. Fruit medium size, deeply netted, shape nearly round; flesh green, and of rich, delicious flavor.....	.05	.10	.25	.75
Montreal. Large, round netted; flesh thick and light green...	.05	.10	.25	.75
Large Round Yellow Cantaloupe. Flesh reddish orange, sweet and of good flavor; an early and productive variety.....	.05	.10	.25	.75
Large Yellow Musk. A very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for "Mangoes".....	.05	.10	.25	.75
Surprise. Very early; medium size; salmon colored; flesh of superior flavor.....	.05	.10	.25	.75
Rocky Ford. Flesh green; medium size; oval shape.....	.05	.10	.25	.75

MELON—Water.

Plant in hills eight feet apart and cultivate same as musk melon. *One ounce for thirty hills; four to five pounds to the acre.*

Mountain Sweet. An old and reliable sort; flesh red.....	.05	.10	.25	.75
Black Spanish. Fruit of large size, almost round; skin dark green; flesh red.....	.05	.10	.25	.75
Phinney's Early. Productive, early and finely flavored; flesh red.....	.05	.10	.25	.75
Citron. The standard variety for preserves.....	.05	.10	.25	.75

MUSHROOM SPAWN.



MUSHROOM.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure and lay it in a heap to ferment; turn and mix it well every few days, and when well fermented, it may be made into a bed, mixing it well together and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees, the spawn may be inserted in pieces about the size of a walnut, about two inches deep and six inches apart. After about two weeks, cover with fresh soil about two inches deep and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick. If the temperature is right, mushrooms will begin to come up in about six to eight weeks, and the bed will continue bearing for about a month.

English Spawn In bricks, per lb., 15 cts.; 8 lbs., \$1.00
By mail, add ten cents per pound for postage.

MUSTARD.

A pungent salad used with cress. The seed is used for flavoring pickles, etc. Sow in May thickly in rows and cut when two or three inches high.

One ounce to forty feet of drill.

	Oz.	Lb.
White London. Best for salads.....	.05	.20
Brown .....	.05	.25

OKRA.

Sow late in the spring, after the ground has become warm, in drills three feet apart, where the plants are to remain. Thin out from nine to twelve inches. They should be well manured. They may also be raised in pots, or in a hot-bed, and transplanted.

	Pkt.	Oz.	1/4 lb.	Lb.
Improved Dwarf Green. Small, green, round, smooth pods.....	.05	.10		.20

ONION.

No vegetable is more extensively known and cultivated than the onion. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as soon as possible in the spring, no matter if the weather is cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling after sowing, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed.

One ounce to one hundred feet of drill; five pounds to the acre.

YELLOW GLOBE DANVERS
ONION.

	Pkt.	Oz.	1/4 lb.	Lb.
Early Yellow Cracker. Flat, early onion, of mild and delicate flavor, and a good keeper.....	.05	.25	.75	\$2.50

Yellow Globe Danvers. Extra choice Maine grown seed, raised expressly for market garden trade. This is far superior to western grown seed, being much earlier. The Yellow Danvers is the most profitable variety to raise; is very productive, a good keeper and of mild flavor.....	.05	.30	\$1.00	3.00
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Yellow Globe Danvers. Grown from Buxton stock; a standard variety.....	.05	.25	.75	2.50
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Large Red Wethersfield. Large size, productive and a good keeper05	.25	.75	2.50
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Extra Early Red Globe. Ten days earlier than the Wethersfield, of medium size and deep, rich color; an abundant producer, and of good form and flavor, keeping well05	.25	.75	2.50
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Prizetaker. Large, pale yellow onion; flesh white; mild flavor.....	.05	.15	.50	1.50
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White Portugal. A mild and desirable summer variety; extensively grown for pickling05	.30	1.00	3.00
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New Queen. A silver-skinned variety, of quick growth and remarkable keeping qualities05	.20	.65	2.00
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ONION SETS.

Onion sets should be planted near the surface as early in the spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any good soil.

Add ten cents per quart if sent by mail.

White Onion Sets.....	Qt. .30	Pk. \$1.50
Yellow Onion Sets.....	.25	1.50

ONION SETS. For larger quantities, prices will be given on application.

PARSLEY.

Parsley requires rich, mellow soil; sow thickly in drills, one foot apart and half an inch deep. As the seed germinates slowly, it is best to soak it for a few hours in tepid water before sowing. For winter use protect in a glass frame or light cellar.

One ounce to one hundred and fifty feet of drill.

	Pkt.	Oz.	1 lb.
Extra Double Curled.....	.05	.10	.20
Fern Leaved.....	.05	.10	.20

PARSNIP.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in rows. Unlike carrots, they are improved by frosts, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

One ounce to two hundred feet of drill; five pounds to the acre.

	Pkt.	Oz.	1 lb.	Lb.
Arlington Long White. Roots very long and smooth; one of the best for market gardeners.....	.05	.10	.20	.50
Abbott's Improved. Smooth and quite large; one of the best.....	.05	.10	.20	.50
Hollow Crown. Roots very long, growing mostly below the surface of the ground....	.05	.10	.20	.50

PEAS.

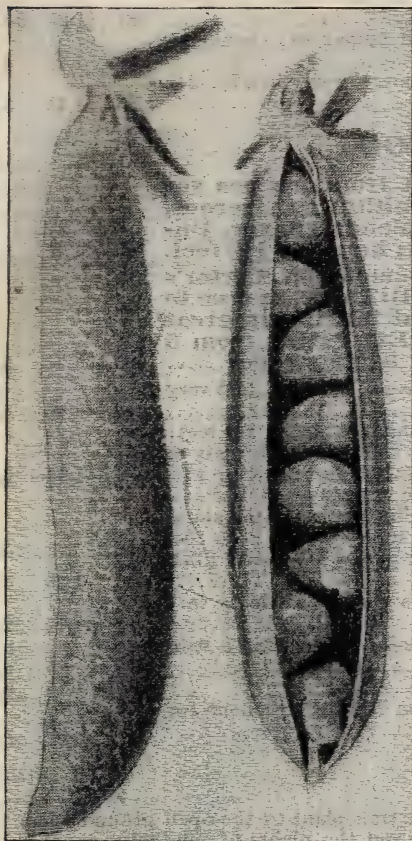
Peas, for an early crop, should be sown as soon as the ground is in working condition. The soil for their reception should be light, dry and well sheltered. Mild manure, such as leaf mold, has a beneficial effect; but for many of the varieties the soil cannot be too rich. For general crops, the ground should be well manured the previous year, which causes them to yield more abundantly. When grown as a market crop, peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to the variety or strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush.

One quart to seventy-five feet of drill; from one to two bushels to the acre.

Peas ordered by mail are subject to an extra charge of fifteen cents per quart for postage. Pints furnished at quart rates.



PEAS—Continued.



GRADUS PEAS.

EXTRA EARLY.

GRADUS. One of the earliest large-podded peas grown, being extra early, combining quality, size and productiveness. Produces healthy, vigorous vines 2 1-2 feet high, bearing well-developed pods, containing peas of fine flavor.....

Qt. Pk. Bu.

.30 \$2.00 \$7.00

THOMAS LAXTON. One of the best early wrinkled varieties closely resembling the Gradus in size; pods large and well filled with peas of finest flavor. Hardy and extremely productive.....

.25 1.75 6.00

NOTT'S EXCELSIOR. Robust and vigorous in growth, producing handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific; height, 12 inches.....

.25 1.50 5.25

SUTTON'S EXCELSIOR. Same habit of growth as Nott's Excelsior, bearing larger pods, filled with large peas, tender and of most delicious flavor, and produced in greater abundance.....

.25 1.50 5.50

"K. & W." Extra Early. A variety similar to, but an improvement upon, the Alaska, being fully as early, but bearing larger pods. Height, about 2 feet.....

Cleveland's Alaska. The finest blue seeded extra early pea, with dark green colored pods; uniform in growth and almost entirely free from sports or runners; height, 2½ feet.....

Cleveland's Eclipse. This pea is a very early variety, a vigorous grower and a large producer, with pods of good size and true American Wonder in shape. Seeds green and wrinkled and of sweet and delicious flavor; height, 2 feet.....

Bliss' American Wonder. One of the earliest wrinkled sorts; grows about 9 inches high and is covered with well-filled pods.....

McLean's Little Gem. A dwarf green, wrinkled marrow of superior flavor; 1 foot.....

Carter's Premium Gem. A very fine dwarf, wrinkled pea, an improvement on Little Gem; 1 foot.....

Laxton's Alpha. One of the earliest wrinkled peas of fine quality and very prolific; pods large and well filled; 2½ feet.....

Cleveland's Rural New Yorker. Very early, prolific, uniform in ripening; height, 2½ feet.....

Carter's First Crop. One of the earliest varieties; 2½ feet.....

.30 2.00

.25 1.50 5.00

.25 1.50 5.00

.25 1.50 5.00

.20 1.25 4.00

.20 1.25 4.00

.20 1.25 4.00

.20 1.00 3.50

.20 1.00 3.50

Second Early Varieties.

Dwarf Telephone. A choice variety with dwarf vines, bearing large, handsome pods, with peas of fine quality. Vine 18 inches high, stocky, healthy and vigorous, with almost no tendency to sport.....

Heroine. A medium early, green, wrinkled variety; pods remarkably long and handsome, slightly curved, well filled with large peas; 2 feet.....

McLean's Advancer. A second early, green, wrinkled, market variety; pods long and well filled with peas of fine flavor; 2 feet.....

.30 2.00 7.00

.25 1.50 5.00

.20 1.25 4.50

PEAS—Continued.

	Qt.	Pk.	Bu.
Horsford's Market Garden. An excellent wrinkled variety, productive and of good quality; 2 feet.....	.20	\$1.25	\$4.50
Bliss' Abundance. Of dwarf, bushy habit; pods large, full and numerous; should be sown thinly; 1½ feet.....	.20	1.25	4.25
Duke of Albany. Resembling Telephone in appearance; vine more dwarf; height, 2½ to 3 feet.....	.25	1.75	5.50
For General Crop.			
ADMIRAL DEWEY. A new variety, entirely distinct from any pea yet grown. Foliage, vine and pods rich, dark green. Healthy and vigorous, producing pods of large size, filled with peas of splendid flavor. Undoubtedly the best of all long-vine, large-podded peas; height, 3 1-2 feet.....	.25	1.75	5.50
CARTER'S IMPROVED TELEPHONE. An improvement on Carter's Telephone for PURITY and UNIFORMITY of HABITS, being true to name, showing no tendency to small, late pods, but bearing in great abundance LARGE, HANDSOME, FINELY FORMED PODS, from 5 to 7 inches in length. A superior wrinkled variety; height, 3 feet.....	.25	1.75	5.50
Champion of England. A well-known popular variety, unsurpassed in flavor, and very productive; 5 feet.....	.20	1.25	4.25
Yorkshire Hero. A green, wrinkled variety, of branching habit and fine flavor; 2½ feet.....	.20	1.25	4.25
Improved Stratagem. One of the best of the large, wrinkled varieties, with pods of immense size, uniformly filled with very large, dark-green peas of the finest quality; 2 ft. ....	.30	1.75	6.00
Carter's "Danby" Stratagem. A distinct improvement over the original Carter's Stratagem, having longer, larger and straighter pods, produced in much greater abundance.....Price, Pkt., 10c.; Pt., 20c.; Qt. 30c.			
Bliss' Everbearing. Fine wrinkled marrow; pods three to four inches long, well filled with large peas; 2 feet.....	.20	1.25	4.25
Royal Dwarf White Marrowfat. One of the best late sorts; white seeded; very productive; 3 feet.....	.15	.75	2.50
Black-Eyed Marrowfat. This, as well as the preceding, is extensively grown as a field pea; hardy and productive; 4 feet.....	.15	.75	2.50
Melting Sugar. Superior to all others of the edible pod sorts.....	.30	1.75	6.00
White Canada Field. Valuable for sowing with oats for green fodder; excellent for feeding to pigeons, etc.....	.10	.60	2.00

PEPPER.

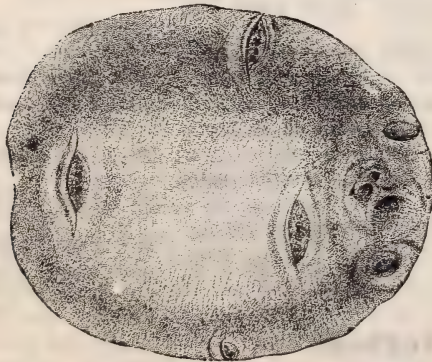
Grown largely for pickles. Sow in hot-beds early in April and transplant to the open ground when the weather is warm and settled. The rows should be two feet apart and the plants fifteen inches apart in the rows. Rich, warm, mellow soil.

One ounce of seeds will produce about 2,000 plants.

	Pkt.	Oz.	½ lb.
Large Bell. Large and of mild flavor.....	.05	.25	.75
Sweet Mountain or Mammoth. Similar to the Bell, but larger.....	.05	.25	.75
Large Squash. Productive, much used for pickles.....	.05	.25	.75
Red Cherry. Small, round, smooth, glossy scarlet fruit.....	.05	.25	.75
Long Red Cayenne. Bright red; very productive.....	.05	.25	.75

POTATOES.

ALL OUR STOCK IS GROWN IN AROOSTOOK COUNTY.



	Pk.	Bu.	Bbl.
Extra Early White Rose. As near perfection as any white potato grown, and stands at the head for earliness, quality, and productiveness. Is uniform in size and shape, being oblong, with roundish seed end, and smooth surface. A grand general crop variety.....	.50	1.50	3.75
Early Six Weeks. Early, medium size, very smooth, color light pink.....	.50	1.50	3.75
Norcross. Large white potato; flat, oval, and perfect in shape; very fine in quality, and a large yielder.....	.50	1.50	3.75
Pure Early Rose. The pioneer of all the improved varieties, still very popular and highly esteemed.....	.50	1.50	3.75
Early Harvest. Extra early, large yielder; superb quality. The tubers average large size. A desirable early variety.....	.50	1.50	3.75
Beauty of Hebron. Very productive and early, slightly flesh-colored skin, with pure white flesh.....	.50	1.50	3.75
Irish Cobbler. One of the most reliable of the early varieties. Cream-white color, vigorous grower, ripens uniformly, and a good keeper.....	.50	1.50	3.75

POTATOES—Continued.

	Pk.	Bu.	Bbl.
Improved Green Mountain. Improved by careful selection of seed. In season it is medium; one of the best yielders, free from blight and rot, keeps well; color white, form, round or oval, smooth skinned and a heavy yielder.....	.50	\$1.50	\$3.75

PUMPKIN.

Same cultivation as for cucumbers and melons.

	Pkt.	Oz.	½ lb.	Lb.
Large Cheese. Medium size; best for cooking.....	.05	.10	.15	.40
Sugar. Fine grained, sweet and prolific.....	.05	.10	.20	.50
Mammoth Tours. Grows to enormous size, frequently weighing 100 to 150 lbs. Oblong in shape, and is mainly used for feeding stock.....	.10	.20		
Connecticut Field. Large; used for stock.....	.05	.10	.15	.35

RADISH.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of April until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February.

One ounce for one hundred feet of drill.

Non Plus Ultra. The earliest forcing radish; extra early, maturing in about 20 days; round, bright red, with small tops; very mild.....	.05	.10	.15	.50	
Crimson Giant Forcing. Rich crimson color, flesh white and solid, and of a mild, delicious flavor. Grows to a large size without becoming pithy. Excellent for forcing.....	.05	.10	.30	\$1.00	
Early Scarlet Turnip (white tip). Handsome bright scarlet color, with white tip.....	.05	.10	.20	.60	
Long Scarlet Short Top. Very long and crisp; for frames or open ground.....	.05	.10	.20	.60	
Early Scarlet Turnip. Round, scarlet, small, short top; mild and crisp.....	.05	.10	.20	.60	
French Breakfast. A variety of quick growth; very mild and tender; one of the best for forcing.....	.05	.10	.20	.60	
Early White Turnip-Rooted. Round, clear white.....	.05	.10	.20	.60	
Icele. Quick growing; clear white. Fine for forcing.....	.05	.10	.25	.75	
Black Spanish. One of the hardiest and best for winter use.....	.05	.10	.20	.60	



FRENCH BREAK-FAST RADISH.

SALSIFY.

Commonly called vegetable oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half deep.

One ounce to fifty feet of drill.

Long White French.	Pkt.	Oz.	½ lb.
	.05	.10	.30

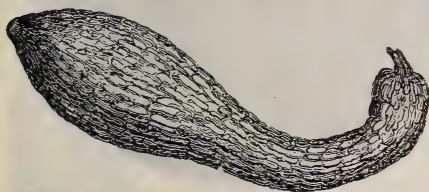
SPINACH.

Sow early in the spring, in drills a foot apart, every two weeks for a succession, and as it grows, thin out for use. For fall use sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves, after the weather becomes quite cold.

One ounce to one hundred feet of drill; ten to twelve pounds per acre.

	Pkt.	Oz.	½ lb.	Lb.
Victoria. A variety producing large, thick leaves of fine color and quality. Especially recommended for market gardeners.....	.05	.10		.30
Round Thick Leaved. A valuable variety, with thick, dark green leaves; long standing and hardy.....	.05	.10		.30
Savoy Leaved. A very desirable variety; leaves wrinkled.....	.05	.10		.30
Long Standing. Dark green; the longest standing before going to seed.....	.05	.10		.30
Fall or Winter. One of the hardiest and most generally used for fall planting.....	.05	.10		.30
New Zealand. Of branching habit, it makes a very large plant, which stands drouth well. Leaves thick and fleshy, enduring the entire summer.....	.05	.15	.30	\$1.00

Market gardeners, and others using large quantities, are requested to write for special quotations.

SQUASH.

SUMMER CROOK-NECK SQUASH.

Any good, rich soil is adapted to the growth of the squash. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seed should not be sown in the spring until all danger from frost is past and the ground is warm and thoroughly settled. The hills for bush varieties should be about six feet apart; for running sorts, ten feet. Leave two plants to a hill.

Bush varieties, one ounce to fifty hills.

Running varieties, one ounce to fifteen hills; four pounds per acre.

SQUASH—Continued.

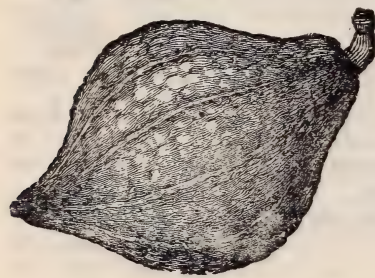
THE DELICIOUS. Color almost uniformly of a green shade, with occasionally a blue specimen. It closely follows the Hubbard, and in thickness of flesh it surpasses nearly every variety, the color being a dark orange. No squash compares with it in fineness and compactness of grain, dryness and sweetness and richness of flavor. It is a fall and winter squash, but does not acquire its best qualities until winter. Per Pkt., 5c.; Oz., 10c.; 1-4 lb., 30c.; Lb., \$1.00.



THE DELICIOUS SQUASH.

Hubbard. A general favorite and more largely grown as a late sort than any other; flesh fine grained, dry and of excellent flavor..... Pkt. Oz. ¼lb. Lb. .05 .10 .25 .75

Early Prolific Marrow. For fall and winter use this is a very desirable sort. Is of excellent quality and keeps well. Color brilliant orange red..... .05 .10 .25 .75



HUBBARD SQUASH.

Boston Marrow. A much esteemed variety; a good keeper and of excellent flavor..... .05 .10 .25 .75

Turban. Orange-yellow; flesh of good flavor.. .05 .10 .25 .75

Yellow Bush Scalloped. An early market variety, excellent for shipping..... .05 .10 .20 .60

Summer Crook-Neck. Early, productive, and of good quality; fruit orange yellow..... .05 .10 .20 .60

Winter Crook-Neck. An old, well-known variety; hardy and a good keeper..... .05 .10 .20 .60

Mammoth Chili. Grows to a large size, of ten weighing over two hundred pounds; excellent for stock..... .05 .15 .50 \$1.50

TOMATO.

This vegetable is one of the most important of all garden products. They thrive best in a warm, light, rich soil. For early plants, sow about the first week in March in a hot-bed, or in boxes or pots in a warm window. When the plants are about two inches high, set out in boxes, three inches deep and four inches apart, in the same temperature, or pot singly. If again transplanted before setting out, the plants will be still more stocky. Set out in the open ground about the first of June, four feet apart each way, using a shovelful of rotted manure in each hill.

One ounce for 1,500 plants.

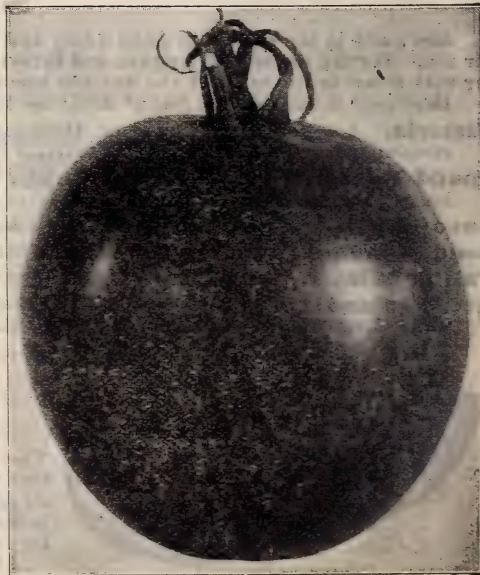
EARLIANA. The earliest large tomato. Its large size, handsome shape, beautiful red color and fine quality are unsurpassed by any of the best medium and late sorts..... Pkt. Oz. ¼lb. .05 .25 .75

Fordhook. Extra early; perfectly smooth and solid; medium size..... .05 .25 .75



EARLIANA TOMATO.

Livingston's New Coreless. In shape it is almost round, being of about the same diameter each way. It is immensely productive and free from green core; ripens all over and right up under the stem, all at once. A grand, good slicing variety, the seed cells being surrounded by bright red, meaty and delicious flesh. Per Pkt., 20c.; 3 Pkts., 50c.; 7 Pkts., \$1.00.



LIVINGSTON'S NEW CORELESS TOMATO.

TOMATO—Continued.

	Pkt.	Oz.	½ lb.
Livingstone's Beauty. Color very glossy crimson; grows in clusters of four or five; fruit large and solid.....	.05	.25	.60
Livingstone's Favorite. Productive; good flavor; few seeds; flesh solid, smooth and handsome.....	.05	.25	.60
Livingstone's Perfection. Early, large, smooth and solid; blood red color.....	.05	.25	.60
Dwarf Champion. Dwarf variety; fruit medium size, resembling the Acme in color...	.05	.25	.75
Dwarf Stone. The largest fruited of the dwarf varieties, the fruit being of a bright scarlet, and growing in clusters; flesh very solid, firm and smooth, making a splendid table variety.....	.05	.30	.75
Red Cross. Early, very smooth and even in size throughout the season; perfectly solid; in color a brilliant crimson; ripens clear to the stem.....	.05	.25	.75
Red Cherry. A small early variety; size and shape of a cherry; for pickling.....	.05	.25	.75
Yellow Cherry. Same as above except in color.....	.05	.25	.75

The following varieties at a uniform price of 5c. per pkt.; 25c. per oz.:

Royal Red, Stone, Essex Hybrid, Acme, Trophy, Table Queen, Paragon, Early Ruby, Canada Victor, Dwarf Aristocrat, Lorillard, Ponderosa.

TOBACCO SEED.

Connecticut Seed Leaf.....	.05	.30	\$1.00
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TURNIP.

Turnips thrive best in rich, sandy, gravelly soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowing may be made for the fall and main crops.

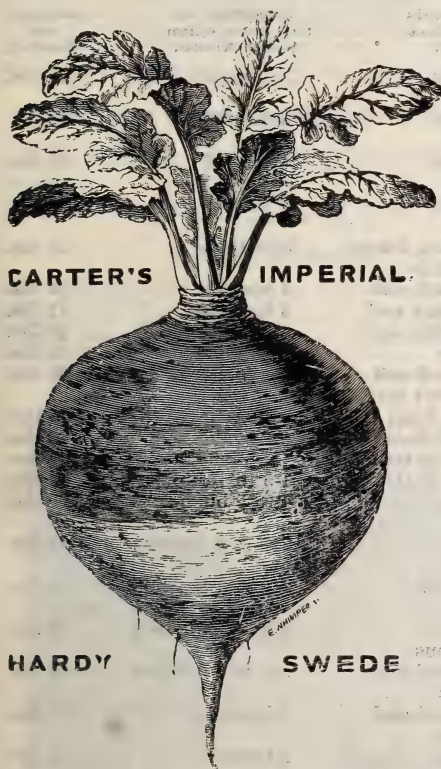
One ounce for one hundred and fifty feet of drill; one to two lbs. in drills for an acre.

To keep the roots fresh during the winter, they may be placed in a cool, dry cellar and buried with dry sand.

	Pkt.	Oz.	½ lb.	Lb.
Purple-Top Milan. The earliest variety in cultivation. Flesh white, hard, and of excellent quality.....	.05	.10	.20	.60
White Egg. Oval; handsome and sweet....	.05	.10	.20	.50
Purple-Top Strap Leaf. Best variety for main crop, equally good for spring or fall sowing; white flesh.....	.05	.08	.15	.40
White-Top Strap Leaf. Similar to the above in quality.....	.05	.08	.15	.40
Yellow Stone. Fine, hard winter sort....	.05	.10	.20	.50
Early White Six Weeks. Pure white; very early.....	.05	.10	.20	.50
Golden Ball. A rapid grower of excellent flavor; bright yellow, good keeper, and a superior table variety.....	.05	.10	.20	.50
Yellow Aberdeen. An excellent hardy variety, keeping well through the winter....	.05	.10	.20	.50

RUTA BAGA or SWEDE TURNIP.

Carter's Imperial Hardy Swede. An improvement upon the other varieties, being larger, the flesh firmer, and an excellent keeper.....	.05	.08	.15	.40
Skirving's Purple-Top. A standard variety, hardy and productive.....	.05	.08	.15	.40
Sweet German. White, sweet and a good keeper.....	.05	.08	.15	.40

**SPECIAL OFFER IN FLOWER AND VEGETABLE SEEDS.****\$1.00**

30 5c. Pkts., or 15 10c. Pkts.,

\$1.00

The above may be selected by the purchaser from any varieties found in our catalogue, and will be sent free by mail, on receipt of price.

SWEET AND MEDICINAL HERBS.

Sow in spring, in shallow drills, one foot apart and when well up thin out or transplant to a proper distance apart.

	Pkt.	Oz.
Anise. Annual.....	.05	.15
Balm. Perennial.....	.05	.25
Basil, Sweet. Annual.....	.05	.15
Caraway. Biennial.....	.05	.10
Catnip. Perennial.....	.10	
Coriander. Annual.....	.05	.10
Dill. Biennial.....	.05	.10
Fennel, Sweet. Perennial.....	.05	.10
Horehound. Perennial.....	.05	.25
Hyssop. Perennial.....	.05	.25
Lavender. Perennial.....	.05	.15
Marjoram, Sweet. Annual.....	.05	.15
Rue. Perennial.....	.05	.15
Saffron. Annual.....	.05	.10
Sage. Annual Per lb. \$1.50.....	.05	.15
Summer Savory. Annual.....	.05	.15
Thyme. Perennial.....	.05	.25
Wormwood. Perennial.....	.05	.25



Sweet Marjoram. Summer Savory. Thyme.

General List of Grass Seeds and Clovers.

All orders will be filled at lowest price when they are received, and we will take pleasure in quoting prices at any time.

	Uses to which Best Suited.	Kinds of Lands to which Best Adapted.	Quantity to the Acre when Sown Alone.	Weight, per Bushel.
Timothy	Hay	Stiff, loamy or bottom lands	1-2 bushel	45 lbs.
Red Top (Recleaned)	Pasture and Hay	Stiff, loamy or bottom lands	6 pounds	35 lbs.
Hungarian	Hay or Forage	Sandy, light or loamy soil	1 bushel	48 lbs.
Golden Millet	Hay or Forage	Sandy, light or loamy soil	1 bushel	50 lbs.
Orchard Grass	Hay and Pasture	Shady situation, loamy and stiff uplands	3 bushels	14 lbs.
Kentucky Blue Grass	Pasture and Lawn	Loamy and stiff soil	3 bushels	14 lbs.
Rhode Island Bent	Pasture and Lawn	Light and loamy soil	3 bushels	12 lbs.
Creeping Bent	Lawn	Light and loamy soil	3 bushels	20 lbs.
Fowl Meadow Grass	Hay	Wet meadows	2 bushels	10 lbs.
Red Clover	Hay or Pasture	Loamy and stiff soil	1-4 to 1-3 bushel	60 lbs.
Pea Vine Clover	Same uses and soil as red clover, but makes larger growth.			
Alfalfa or Lucerne Clover	Hay only	Light or deep loam	1-3 bushel	60 lbs.
Alsike Clover	Hay or Pasture	Loamy or stiff bottoms	1-6 bushel	60 lbs.
Crimson Clover	Hay or Pasture	Light, loamy or stiff soil	1-4 bushel	60 lbs.
White Clover	Pasture and Lawn	Light, loamy or stiff soil	1-5 to 1-4 bushel	60 lbs.
Tall Meadow Oat Grass	Hay and Pasture	Light, dry and stiff uplands	4 to 5 bushels	11 lbs.
Italian Rye Grass	Hay and Pasture	Stiff lands and rich bottoms	2½ to 3 bushels	20 lbs.
Perennial Rye Grass	Hay and Pasture	Loamy and stiff uplands	2½ to 3 bushels	20 lbs.
Wood Meadow	Pasture and Lawn	Low, wet and shady situations	2 to 2½ bushels	14 lbs.
Rough Stalked Meadow	Pasture and Hay	Moist, sheltered and low situations	2½ to 3 bushels	14 lbs.
English Rye Grass	Pasture and Lawn	Moist, sheltered and low situations	3 bushels	24 lbs.
Sweet Vernal Grass (Annual)	Lawn	Stiff land, and rich, loamy soil	2 bushels	11 lbs.
Sweet Vernal Grass (Perennial)	Pasture and Lawn	Stiff land, and loamy, rich soil	2 bushels	11 lbs.
Meadow Foxtail	Pasture and Hay	Light, loamy or stiff soil	3 bushels	8 lbs.
Crested Dogtail	Lawn and golf links	Light, loamy or stiff soil	1½ to 2 bushels	21 lbs.
Sheep Fescue	Sheep Pasture	Dry, light soil	2½ to 3 bushels	12 lbs.
Meadow Fescue	Pasture	Moist and low situations	2 bushels	15 lbs.
Tall Fescue	Pasture	Moist and shady situations	2 bushels	15 lbs.

GRAINS, ETC.

At the Lowest Market Rates and of the Best Quality.
WHEAT, RYE, BARLEY, OATS AND BUCKWHEAT.



Dwarf Essex Rape.

Dwarf Essex Rape.

A forage plant of great merit, easily grown in any locality.

In ordinary field culture the plant reaches a height of from 1½ to 4 feet, and the strong-growing roots penetrate the soil to a considerable depth. The seed should be planted in drills far enough apart to allow cultivation, and may be sown from May to July.

One of the most satisfactory quick-growing crops, especially for sheep, affording abundant supplies of succulent, nutritious pasture in from six to eight weeks from sowing.

As a fattening food for sheep, cattle, calves or pigs, it is without a rival in point of cheapness, is hardy, withstands drought, will produce a crop in any soil, will endure quite severe cold weather, and thus will last a long time after the ordinary pasture grasses succumb to the frost. Sow 10 to 12 pounds per acre broadcast, or 4 to 5 pounds per acre in drills.

Per lb., 10 cts. Per 100 lbs., \$8.00. Per lb., postpaid, 18 cts.

Japanese Barnyard Millet.

Exceedingly popular as a forage plant. Heavy cropper. Succeeds best in a moderately moist soil, and may be sown from the middle of May until July, broadcast, at the rate of 25 lbs. per acre, or in drills, 15 lbs. per acre.

It is quite distinct from other varieties, being an enormous cropper, and excellent, either green or cured, as hay.

Per lb., 8 cts. Per 100 lbs., \$7.00. Per lb., postpaid, 16 cts.

Spring Vetches or Tares.

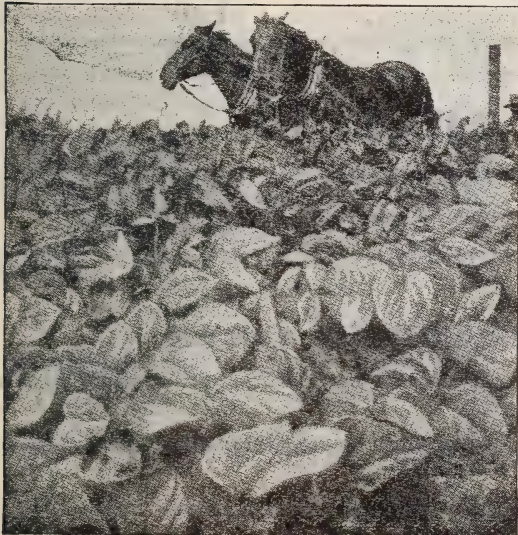
Closely associated with peas in character and are grown for stock. Sow with oats, same as field peas, two to three bushels per acre.

Per qt., 20 cts. Per pk., \$1.00. Per bu., \$3.00. Per qt., postpaid, 35 cts.

Soja Bean.

Valuable as a forage crop, and for fertilizing the soil, also for pasturing, feeding as green fodder, and for silo purposes. It makes a very heavy growth, and is a rich, nitrogenous food, forming flesh rapidly. Sow broadcast, ½ bushel to the acre, or plant in drills 3 feet apart, 1 foot between plants.

Per qt., 20 cts. Per pk., \$1.00. Per bu., \$3.50. Per qt., postpaid, 35 cts.



Cow Peas.



Japanese Barnyard Millet.

Velvet Bean.

A rival of the cow pea. Is a rank grower, and when planted in rows five feet apart will literally cover the ground two to three feet thick with a mass of foliage and vines, and leaves a mulch on the ground that is very beneficial to the soil. Both vines and pods are eaten by live stock, and the beans can be ground either with or without the pods, and fed instead of corn or oats, or can be mixed with them.

Per qt., 20 cts. Per pk., \$1.00. Per bu., \$3.75. Per qt., postpaid, 35 cts.

New Era Cow Peas.

Smaller in size than the Whip-poor-will, and nearly two weeks earlier. One of the best varieties to sow, as it is extremely early, a good cropper, and produces more seed pods than most other kinds. A very valuable forage plant.

Per qt., 15 cts. Per pk., \$1.00. Per bu., \$3.50. Per qt., postpaid, 30 cts.

White Canada Field Peas.

A small hardy pea, valuable to sow early in the spring in connection with oats, to produce green forage and for making ensilage. They can be also sown alone, at the rate of three bushels per acre. Per bu., \$2.00.

"K. & W." LAWN GRASS SEED.



To secure a rich, firm, deep and enduring lawn of luxuriant richness, not only should it be thoroughly prepared, well drained and graded, and enriched with decayed manures and commercial fertilizers, but if carefully sown with a sufficient quantity of

"K. & W." LAWN GRASS SEED,

it will result in a beautiful compact sward which will remain fresh and green throughout the season.

Per pound, 15 cents. *If sent by mail, add eight cents per pound for postage.*

Bags containing 5 pounds each,	\$.70
“ “ 10 “	1.30
“ “ 25 “	3.00

PERMANENT MIXTURE

for Golf Links and Putting Greens.

Especially prepared for sowing to produce a short, dense sward.

Per pound, 20 cents. *If sent by mail, add eight cents per pound for postage.*

THE "K. & W." CHAMPION OATS.

This unexcelled variety was produced in Maine, is free from rust, early and extremely hardy, yielding remarkably heavy crops.

It is a strong-growing, stiff-strawed oat, the grains being large, white, plump, thin-hulled, and first-class in every particular.

These oats have been carefully selected, thoroughly cleansed, and are free from fowl seeds.

Per peck, 35 cents. Per bushel, \$1.00.

SEEDLINGS AND VEGETABLE PLANTS.

FLOWER SEEDLINGS.

	Per Doz.		Per Doz.		Per Doz.		Per Doz.
Aster.....	15c.	Pinks.....	15c.	Petunia.....	15c.	Zinnia.....	15c.
Balsam.....	15c.	Phlox.....	15c.	Stocks.....	15c.	Pansies (choice strains).	35c.
Verbenas.....	30c.	Snapdragon.....	15c.	Marigold.....	15c.		

VEGETABLE PLANTS.

CABBAGE PLANTS—Hot-bed plants. Ready May 1.

	Per doz.	Per 100	Per 1,000
Early Jersey Wakefield,	.15	\$1.00	\$8.00
Henderson's Summer,	.15	1.00	8.00
Fottler's Brunswick,	.15	1.00	8.00

For Winter Crop. Ready June 15.

	Per 100	Per 1,000
Henderson's Summer,	.30	\$2.50
Stone Mason Drumhead,	.30	2.50
Fottler's Brunswick,	.30	2.50
American Improved Savoy,	.30	2.50

CAULIFLOWER PLANTS—Hot-bed plants. Ready May 1.

	Per doz.	Per 100
Henderson's Snowball,	.20	\$1.00
Early Dwarf Erfurt,	.20	1.00

CELERY PLANTS—Ready about June 10.

	Per 100	Per 1,000
Golden Self-Blanching,	.75	\$5.00
White Plume,	.75	5.00
Boston Market,	.75	5.00

TOMATO PLANTS—Ready May 15.

Earliana, Canada Victor, Beauty, Red Cross,	Dwarf Champion, Favorite, Fordhook, Perfection.
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One dozen in each box, 30 cents; \$2.00 per hundred.

LETTUCE PLANTS—Ready May 15.

15 cents per dozen; \$1.00 per hundred.

PEPPER PLANTS—Ready June 1.

Large Bell or Squash.

15 cents per dozen; \$1.00 per hundred.

RHUBARB ROOTS.

15 cents each; \$1.50 per dozen.

HOP ROOTS.

10 cents each.

CARNATION PINKS AND CANNAS.

(In 4-inch pots.) Selected for summer blooming.
15 cents each; \$1.50 per dozen.

SUMMER-FLOWERING BULBS.

CANNAS (Dormant). Each 10c.; per dozen, \$1.00.

GLADIOLUS BULBS.

Plant in good garden soil, after the ground becomes warm in the spring, in full exposure to the sun. Set bulbs from 4 to 6 inches deep.

For the best results, cut the spike when the first flowers open, and bloom in the house.

Groff's Hybrid Seedlings. Each 3c.; per doz., 25c.; per 100, \$1.50.

Extra White and Light. Each 5c.; per doz., 35c.; per 100, \$2.00.

Extra Scarlet and Red. Each 3c.; per doz., 25c.; per 100, \$1.75.

Superfine Mixed. A popular mixture of the most brilliantly colored varieties. Each 5c.; per doz., 50c.; per 100, \$2.

Fine Mixed. Each 3c.; per doz., 20c.; per 100, \$1.00.

CALADIUM ESCULENTUM.

Eight to ten inches in circumference. Each 10c.; per doz., \$1.00.

MADEIRA VINE.

Each 5c.; per doz., 50c.

GLOXINIAS.

Mixed Varieties. Each 10c.; per doz., \$1.00.

Bulbs ordered by mail are subject to an extra charge of ten cents per dozen for postage.

TUBEROUS BEGONIAS.

The tuberous-rooted begonias are among the handsomest of our summer flowering bulbs, as they bloom continuously throughout the summer.

Single.		Double.	
Each.	Per Doz.	Each.	Per Doz.
Scarlet.....	.06 .60	Scarlet.....	.10 \$1.00
Orange.....	.06 .60	Orange.....	.10 1.00
Crimson.....	.06 .60	Crimson.....	.10 1.00
Pink.....	.06 .60	Pink.....	.10 1.00
White.....	.06 .60	White.....	.10 1.00
Yellow.....	.06 .60	Yellow.....	.10 1.00
Mixed.....	.06 .60	Mixed.....	.10 1.00

TUBEROSE.

Large bulbs. Each 5c.; per doz., 50c.; per 100, \$3.00.

DAHLIAS.

Double Named Varieties. Growing plants; ready about May 15th. Each 15c.; per dozen, \$1.50.

DUTCH FLOWERING BULBS.

FOR FALL PLANTING.

Our Bulb Catalogue will be issued in September and mailed free to all who write for it.

BRADLEY'S FERTILIZERS.



BRADLEY'S STANDARD FERTILIZERS

have become a necessity, for on the perfection and reliability of the fertilizer your crops depend. Behind every bag of Bradley's standard goods stands the well-earned and carefully-guarded reputation of nearly half a century, with the guarantee of the oldest, largest and best equipped manufactory.

BRADLEY'S FERTILIZERS are compounded of the **HIGHEST GRADE MATERIALS** skillfully combined in proper proportions, carefully and thoroughly manufactured to a **PERFECT MECHANICAL CONDITION**.

Bradley's fertilizers are always uniform in quality and condition, without variableness or the shadow of change.

Farmers! When you contemplate purchasing **fertilizer** commune with yourselves and ask what brands have proven the best and most reliable in a series of years, and have given the most general satisfaction!

There is no economy in considering price **ONLY**, the best economy is to consider **RESULTS**. We have the habit of selling good fertilizers cheap, and the recollection of their quality remains long after the matter of price is forgotten. "The World's Best by Every Test."

A full stock of the following standard fertilizers constantly on hand:

Bradley's XL Superphosphate,

Bradley's Potato Manure,

Bradley's Potato Fertilizer,

Bradley's Eureka Seeding-down Manure,

Bradley's Corn Phosphate,

Bradley's Complete Manure for Top-dressing Grass and Grain,

Bradley's Complete Manure with 10% Potash,

Bradley's Fruit and Vine Fertilizer,

Bradley's Complete Manure for Corn,

Bradley's Complete Manure for Potatoes and Vegetables.

BRADLEY'S ENGLISH LAWN FERTILIZER.

A high-grade chemical mixture, rich in nitrogen, phosphoric acid and potash, combined in proportions especially adapted to produce a vigorous and healthy growth of grass. Being odorless, and free from weed seeds, it is far superior to unsightly and pungent stable dressing, much more easily applied, and vastly cheaper in every way.

PRICE.

10-lb. bag for 1,000 square feet of lawn,	\$.50	50-lb. bag for 5,000 square feet of lawn,	\$1.75
25-lb. bag for 2,500 square feet of lawn,	1.00	100-lb. bag for 1-4 acre of lawn,	3.00

BOWKER'S FERTILIZERS.



STOCKBRIDGE SPECIAL FERTILIZERS.

For POTATOES,
CORN,
HAY, GRAIN, ETC.

BOWKER'S GENERAL FERTILIZERS

FOR EVERY CROP THAT GROWS.

ILLUSTRATED CATALOGUE, 24 PAGES, FREE.

BOWKER FERTILIZER COMPANY,
BOSTON, MASS.

KENDALL & WHITNEY, AGENTS, PORTLAND, ME.

Chemicals and Fertilizers.

PRICES SUBJECT TO CHANGE.

	Per 100 lbs.	Per ton.		Per 100 lbs.	Per ton.
Dissolved Bone Black, 16 to 18 per cent. phosphoric acid,	\$1.50	\$24.00	Sulphate of Ammonia, 24 to 25 per cent.,	\$4.75	\$77.00
Muriate of Potash, 80 to 85 per cent.,	2.75	46.00	Kainit, 20 to 25 per cent. sulphate of potash,	1.00	16.00
Nitrate of Soda, 95 to 98 per cent.,	3.50	62.00	Dried Blood, 12 per cent. ammonia,	2.75	47.00
Sulphate of Potash, 50 to 55 per cent.,	3.00	52.00	Tankage, fine ground,	2.00	33.00

PURE GROUND BONE.

4 to 5 per cent. ammonia, 21 to 23 per cent. phosphoric acid.

A valuable fertilizer, especially for lawns, vines and fruit trees. Per 100 lbs., \$1.80. Per ton, \$32.00.

LAND PLASTER.

Price, bag of 200 lbs., 75 cents; ton, \$7.50.

ASHES.

Unleached, hard wood ashes, put up in 100 lb. bags.

Especially valuable for lawns.

Per 100 lbs., \$1.00

SHEEP MANURE.

A pure, natural manure, and the most nutritious food for plants. Its effect is immediate and lasting; it is clean to handle, and is the best of all manures for mixing with the soil for greenhouse plants. As a lawn top-dressing it is unequalled. For mixing with soil, take one part of manure to six parts soil. For making a liquid, take one pound manure to five gallons of water, which can be used with safety daily, if necessary. Price, pkg. of 6 lbs., 25 cents; per 100 lbs., \$2.00.

AGRICULTURAL LIME.

Especially prepared for agricultural purposes, and, being finely ground, it can be used in any broadcaster.

Many plants, such as beet, spinach, lettuce, onions, parsnip, cabbage, cucumbers, potatoes, peas, beans, turnip, carrots, corn and all grains, show a decided increase, and are greatly benefited by the use of lime, as it corrects all acidity of the soil, sweetening it, and freeing it from impurities.

HOW TO TEST THE SOIL FOR ACIDITY.—Take a little soil from the field and place it in a saucer, moisten it well with water and place in it a piece of blue litmus paper. If within twenty-four hours the litmus paper changes to a red color, the soil is acid and an application of lime should be added at the rate of from 1,000 to 2,000 pounds per acre.

Lime properly applied at certain intervals will be found a most perfect renovator, one that can be relied upon. For the ordinary piece of land that requires lime it will be found that once in the rotation of crops, or, say once in four years, is as often as lime should be applied, as it will hold the land in its proper condition for that length of time.

BORDEAUX LIME.

Prepared expressly for use in making Bordeaux Mixture; is finely powdered, and ready for immediate use.

PRICE ON APPLICATION.

KIMBALL'S PLANT COMPOUND.

For Stimulating Growth and Rapidly Developing the Plant Organism.

This compound is composed of all the constituents requisite for perfecting the growth of all flowering plants. For parlor plants, the wardian case, conservatory or greenhouse it will be found indispensable.

25 cents per package.

BOWKER'S PLANT FOOD.

PACKAGE—Sufficient for twenty ordinary-sized plants for three months, 15 cts.
PACKAGE—Sufficient for twenty ordinary-sized plants for one year, 25 cts.

"ROSE LEAF" Extract of Tobacco.

A perfectly pure, highly concentrated Extract of Tobacco, always uniform in strength of nicotine poison. Most effective for destroying green fly, mealy bug, thrip, scale and red spider.

Pint, 30 cents; Quart, 50 cents.

SHEEP DIP.

INCARNATIVE SHEEP DIP. A highly-concentrated, non-poisonous liquid for sheep-washing purposes—killing *Ticks* and *Lice*, curing *Scab* and promoting the growth of Wool and Flesh. Used also for Cattle, Horses, Pigs, Fowls, Dogs, etc. A protector of sown seed from Birds, Slugs, and "Smut." Does not require heating nor any preparation—simply add cold water and it is ready for use. Easily applied and always effective.

Price: 1-qt. can, 75 cents; 2-qt. can, \$1.25; per gal., \$2.25.

LION BRAND BORDEAUX MIXTURE.

A scientific preparation combined in a manner heretofore unknown, thus enabling the manufacturer to place it on the market in practical and usable shape, as by simply adding water and stirring it is ready for use.

One gallon makes fifty by the addition of cold water.

Bordeaux Mixture is a preventive of Potato Blight, Potato Rot, Mildew, Leaf Blight of Shrubs and Fruit Trees, and, in fact, for all fungoid diseases. Apply as a fine spray to all parts of the plants liable to be affected.

Qt., 40 cts.; gal., \$1.00; in five-gal. cans, 80 cts. per gal.; in barrels of about fifty gals., 50 cts. per gal.

Actual cost when ready for use, less than 1 1-2 cts. per gallon, which places it within the reach of all.

"NICO=FUME."

A nicotine solution of exceptional purity. Particularly suitable for fumigating green-houses and for spraying plants. Does not injure the blossoms.

Price, pint can, \$1.50

"NICO=FUME" TOBACCO PAPER.

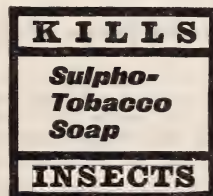
The strongest tobacco paper on the market. The easy method of fumigation.

Price, 24 sheets, 75 cents

SULPHO-TOBACCO SOAP.

A powerful agent for the destruction of all bugs and insects. Sulphur and the gum of the richest leaf tobacco are saponified with fertilizing fats; a soluble form to meet all requirements where an insect exterminator is desired. One or two applications will rid plants of the pests. Animals may be washed with same solution as is used for plants, or a lather may be made and applied with hand or sponge.

Price: 3-oz. cake, 10 cts.; 8-oz. cake, 20 cts.



A Wonderful,

Inexpensive

Insecticide

Fir-Tree Oil.—Price, ½ pint, 40c.; pint, 75c.; qt., \$1.50.
Hellebore.—Price, ¼ lb. pkg., 15c.; 1 lb. pkg., 25c.
Paris Green, Pure.—Price, 35c. per lb.
London Purple.—Price, 20c. per lb.
Leggett's Fungitoid.—Price, 20c. per lb.
Leggett's Spanish Pink.—Price, 20c. per lb.

Sulphur, Powdered.—Price, 8c. per lb.; 10 lb. pkg., 60c.
Tobacco Soap.—Price, 40c. per lb.
Tobacco Dust.—Price, 10c. per lb.; 5 lb. pkg., 30c.
Tobacco Stems.—Price, \$1.25 per 100 lbs.
Whale-Oil Soap.—Price, 15c. per lb.

BUG DEATH.



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897.

The Multiplication of insect pests and increase of fungous diseases place the question of spraying outside the line of debate. *It must be resorted to. It is the only salvation of the fruit, vegetable, or crop producer. Spraying is a necessity for successful cropping.* There is one insecticide on the market, absolutely harmless to use, which will kill the bugs and insects, protect the life of the leaves and plants, increase the yield, insure highest quality and promote the vigor of the plant or tree, and that is "Bug Death."

DIRECTIONS FOR SPRAYING ONE ACRE OF POTATOES.

Fill a pail or bucket, holding about 12 quarts, half full of water. Stir 15 to 25 pounds of Bug Death into this water (the larger amount will pay best). Fill sprayer tank nearly full with clear water, then pour Bug Death from bucket into tank and start machine at once, being sure that the agitator is working properly.

DIRECTIONS FOR SPRAYING ONE ACRE OF POTATOES WITH BUG DEATH AND BORDEAUX MIXTURE.

Dissolve 6 pounds copper sulphate (blue vitriol) in 6 gallons of water. Slack 6 lbs. lumplime, slowly adding water as it slacks, being careful not to burn the lime. When thoroughly slacked strain it through about a No. 50 wire strainer to remove any lumps before it goes into sprayer. When ready to spray, fill tank two-thirds full of clear water and add the 6 gallons blue vitriol water. Next put in 15 to 25 pounds Bug Death (first mix Bug Death in pail of water, same as under directions for using Bug Death alone). Fill tank almost full of clear water; lastly put in the lime water. Stir well with a stick and start machine at once, being sure that agitator is working properly. Bug Death kills all insects, and being very adhesive holds the mixture on to the vines, and can be applied in damp weather, as rain will not easily wash it off.

The above solution, if properly applied, will positively prevent blight on potatoes, tomatoes, etc.

IF USED DRY

apply with Dickey Bug Death Duster; 12½ to 25 pounds per acre, per application. Dust plant evenly and thoroughly. The more freely used the better the plant will thrive, as the increased yield and improved quality more than pays the expense. A perfectly sure, safe, effective insecticide.

Circulars giving results of tests made by practical farmers mailed free on application.

1 pound package,	\$.15	5 pound package,	\$.50	100 pound keg,	\$7.50
3 " "	.35	12½ " "	1.00		

Dickey Duster.

Manufactured expressly for applying Bug Death.
Price, - - - - 25c.

Brown's Acme Cattle Oil.

Will absolutely protect Horses and Cattle from the annoyance of Flies, Insects and Vermin of all kinds. A much greater flow of milk from cows kept free from the torment of the *Horn Fly*. "More milk from the cow, more money to the dairyman."

As a disinfectant it will keep animals healthy.

Applied to the walls and ceilings of stables, where there are myriads of flies, they leave instantly.

Apply with any of our atomizers or sprayers.

Price, per quart can, 25c.; gallon, 75c.

Barrels of 50 gallons. Price on application.



Eureka Fly Killer.

Price per gallon, 75c.

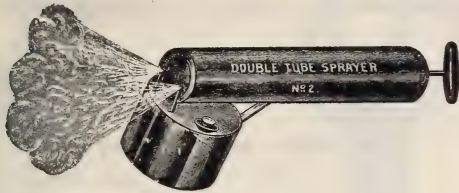
Barrels of 50 gallons. Price on application.

Sprayers and Powder Guns.

For Spraying all Insecticides on Potato Vines, Shrubs, Small Trees, House Plants, Live Stock and Poultry.

A great Labor Saver on the Farm and in every Garden, Barn, Greenhouse, Orchard and Hennerly.

Will apply the finest possible spray on any object desired, and exterminate any kind of insect life.

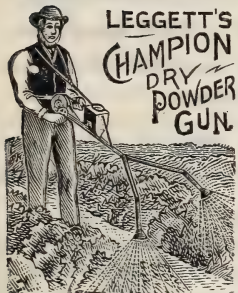


Perfection, Tin, Double Tube,
Galvanized Tank, 50c.



"K. & W." Tin, 40c.

Acme, Tin, 40c.
Acme, Brass, \$1.00.



LEGGETT'S
CHAMPION
DRY
POWDER
GUN.

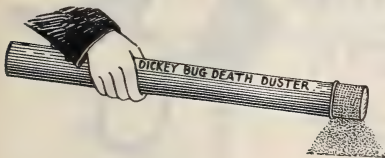
LEGGETT'S CHAMPION
DRY POWDER GUN.

Will cover two rows of potatoes at once, as fast as a man walks. Adjustable to any width of row. Distributes Paris green, hellebore, sulphur, lime, "fungioid," tobacco dust, etc.

Price, \$7.50.



Acme Powder Gun, 75c.

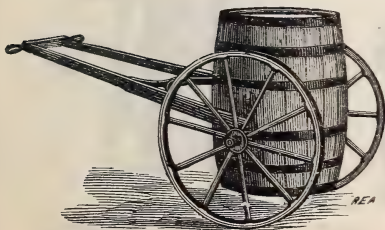


DICKEY BUG DEATH DUSTER.

Price, 25c.

WATER BARREL TRUCK, ETC.

Combined Sprinkler and Hand-Cart.



The barrel is easily disconnected from the truck, either while full or empty. The following extra attachments can be furnished if required: Box with trunnions and spring catch, forming a dumping hand-cart; sprinkler for watering walks and lawns, and also a leaf-rack.

Truck without barrel, but including one pair trunnions,	\$ 8.50
Truck and barrel, complete, wheel 2½ in. tire,	11.25
Truck and barrel with sprinkler,	14.75
Truck and barrel with hand-cart box,	14.50
Truck and barrel with leaf-rack,	16.75
Barrel trunnions, per pair, . . . . .	.40

"AUTO-SPRAY."

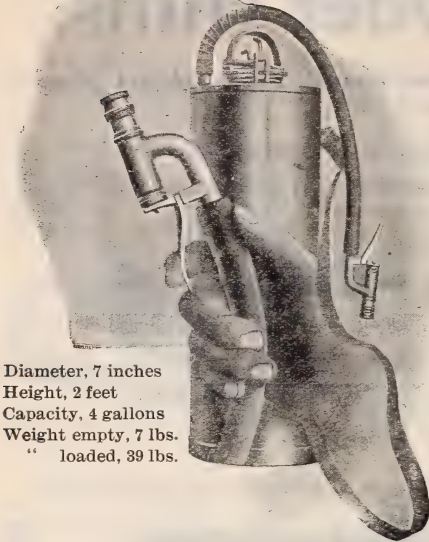
A perfect compressed air sprayer, with capacity of four gallons, three of solution and one of air when properly charged; enough to cover half acre of growing crops.

May be instantly charged by a few strokes of the plunger; eight to twelve strokes will furnish compressed air to work spray from six to fifteen minutes, according as nozzle is opened.

"Auto-Spray,"	No. 1A,	Brass Reservoir,	Stop Cock,	\$5.50
"	"	1B,	" " Auto-Pop,	6.50
"	"	1C,	Galvanized " Stop Cock,	4.00
"	"	1D,	" " Auto-Pop,	5.00

EXTRAS.

Brass Extension,	2 ft. lengths, each,	.50
Galvanized "	2 ft. " "	.40
Brass Elbow,		.50
Auto-Pop Separate,		1.25



Diameter, 7 inches
Height, 2 feet
Capacity, 4 gallons
Weight empty, 7 lbs.
" loaded, 39 lbs.

"Auto-Spray," with "Auto-Pop."

"KANT-KLOG."

The sprayer body is made of heavy polished brass or galvanized steel, as desired. Top and bottom are dome shaped, joined to body under heavy pressure, making a complete double seam. The body is supported and further strengthened by a heavy steel band around the bottom.

Price of Style G, with galvanized steel body, brass air pump, hose, escape-valve, "Kant-Klog" nozzle, spring "shut-off" and carrier strap, **\$3.50**. Polished brass body, with same attachments, **\$5.50**.



"Kant-Klog," Style G.

Does away entirely with the objectionable foot-rest, clamps, leather suction, packing, etc.

This Pump requires *no fastening of any kind*, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. *It rises of itself*, the upward stroke being made by a brass spring forcing the cylinder apart.

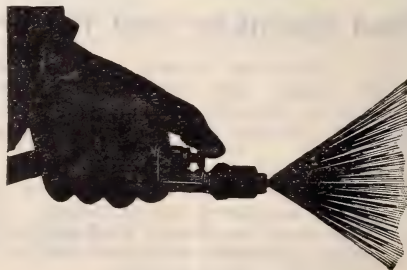
The *all Brass* suction, working within a *brass cylinder* with all *Brass Valves*, does away entirely with all leather, rubber, or other packing.

Price, Junior No. 5, **\$2.50**.



Junior No. 5.

A slight pressure of the thumb starts the spray. Remove it and the spray stops instantly.

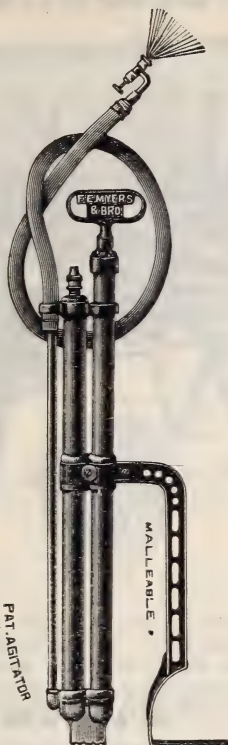


"Kant-Klog" Nozzle.

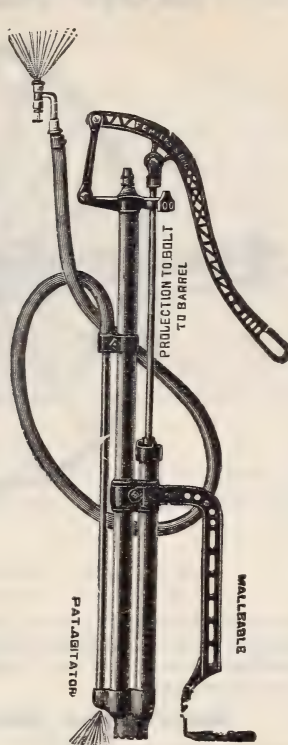
MYERS SPRAY PUMPS.



No. 327 1/2.



No. 325.



No. 324.



Pipe Extension. 35c.

No. 327 1-2. Little Giant Brass Spray Pump, with agitator, complete with hose and Imperial combination fine and coarse spray and solid stream nozzle. **Price, \$3.00.**

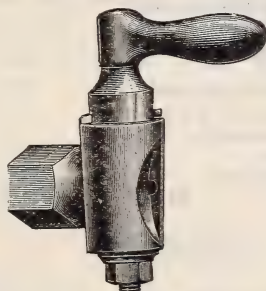
No. 325. Myers Imperial Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine and coarse spray and solid stream nozzle and malleable foot rest. **Price, \$3.25.**

No. 324. Myers Lever Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine and coarse spray and solid stream nozzle.

Price, \$3.75

8-foot pipe extension, **35c.** additional.

Bordeaux Nozzle.



65c.

Imperial Nozzle.

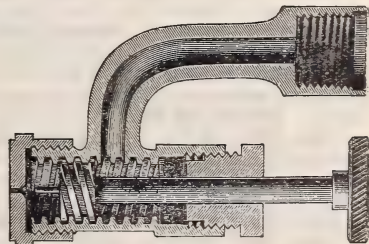


40c.

Cyclone Nozzle.



60c.

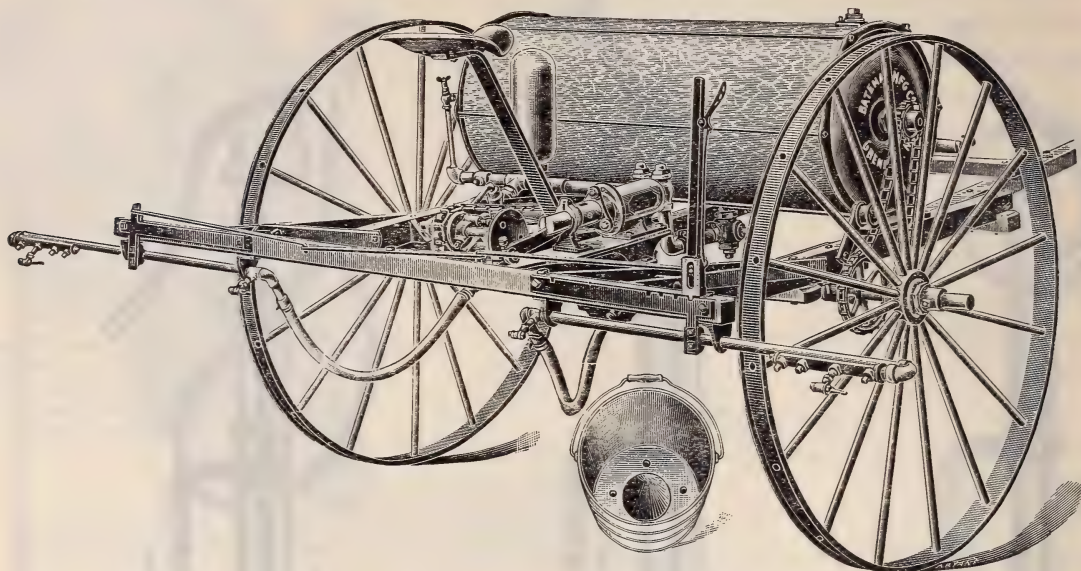


MYERS GRADUATING SPRAY NOZZLE 70c.



Myers Knapssack Spray Pump

THE "IRON AGE" FOUR-ROW SPRAYER.



The sprayer has become in recent years as valuable an implement to the farmer, in successfully and economically raising a crop of potatoes, as any other implement. As our readers will notice from the cut, there have been introduced some new and valuable features which will help to make the growing of potatoes still more certain and profitable.

Mnfr.'s Price, \$68.00

K. & W.'s Net Price, \$65.00

Bucket strainer attachment, \$1.75 Orchard attachment, \$7.00 Tongue attachments, \$5.00

For Sprayer equipped with four twin nozzles, instead of four single nozzles, add to the above price \$6.00.

SEND FOR ILLUSTRATED CIRCULAR AND PRICE LIST.

THE MYERS O. K. SPRAY PUMP.

One of the special features of this pump is a clamping device, by means of which it is attached to the top of the barrel. It will be noticed that this arrangement can be adjusted to any barrel, regardless of height or width.

The handle is wrought steel, with adjustable stroke, so as to enable the operator to get up a pressure of 200 lbs. or more if necessary. It is fitted for two leads of discharge hose.

Myers O. K. Spray Pump, as shown in cut

(without barrel),	\$12.00
Superior hose, per foot,	.12
Vermorel nozzles, each,	.70
Hose attachment, per set,	.50
Pipe extension, each,	.35

No. 302. Complete except barrel, consisting of pump, 5 ft. of $\frac{1}{2}$ -inch 3-ply hose, Vermorel spray nozzle, 3 feet of suction pipe, strainer, agitator and air chamber. **Price, \$7.50.**

No. 305. Imperial Barrel Spray Pump, complete except barrel, with 5 feet of $\frac{1}{2}$ -inch 3-ply discharge hose and Myers Graduating Vermorel nozzle. **Price, \$5.75.**

No. 330. Myers Knapsack Spray Pump, fitted with 5 ft. $\frac{1}{2}$ -inch hose, pipe extension and Bordeaux or Graduating Vermorel spray nozzle, which can be graduated from a fine mist spray to a solid stream, or shut off entirely. **Price, \$6.00.**

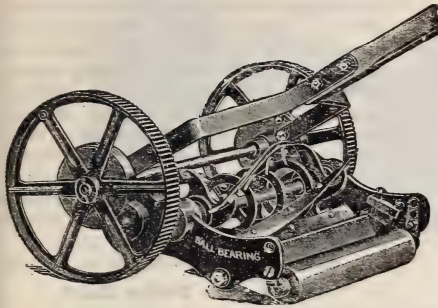
No. 331. Myers Perfect Knapsack Spray Pump, made with **Copper Tank**. Complete with hose, stop-cock, pipe extension and Bordeaux or Graduating Vermorel nozzle. **Price, \$9.50.**



TOWNSEND'S "VICTORY" LAWN MOWER.

Superior to any Lawn Mower Manufactured !

ITS SPECIAL FEATURES.



Ball bearings, of the very highest grade, which reduce the friction astonishingly and render it possible to use much wider machines than heretofore. A 24-inch Victory can be operated as easily as any other mower of 16-inch cut.

Triple gear, entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them.

A removable cutter bar, which, by loosening four small screws, may be rolled out of the machine for sharpening without disturbing the frame. A very valuable feature, found in no other make of mowers.

A solid rectangular frame, that cannot be twisted or jarred out of parallel, the two side frames being bound tightly together by means of two cold die drawn steel bolts which make the most rigid frame ever made. Ten-inch wheels.

Width of Cut :	14-in.	16-in.	18-in.	20-in.	22-in.	24-in.
Net Price :	\$7.50	\$8.50	\$9.00	\$9.50	\$10.50	\$11.50

TOWNSEND'S "SPIDER" MOWER.

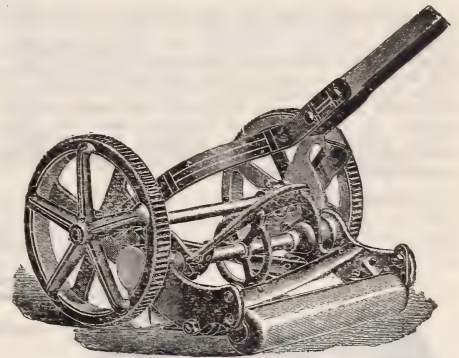
Like the Victory, the "Spider" runs and cuts with astonishing ease and rapidity.

It is light, strong and finely made and adjusted, and is certainly the best *medium priced* lawn mower ever offered by any dealer.

It is ball bearing, has nine-inch wheels, four bladed open wiper, and a simple and easy adjustment.

A thoroughly practical lawn mower and second only to the "Victory."

Width of Cut :	12-in.	14-in.	16-in.	18-in.	20-in.
Net Price :	\$5.50	\$6.00	\$6.50	\$7.00	\$7.50



Townsend's Chain Roller Mower.

Designed for Borders and Golf Greens.

SPECIAL FEATURES.

Ball Bearings of the very highest grade, which materially reduce the friction.

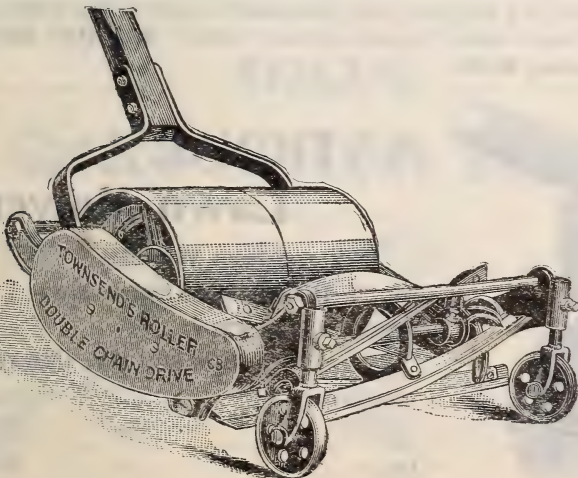
Double Driving Rolls, eight inches in diameter.

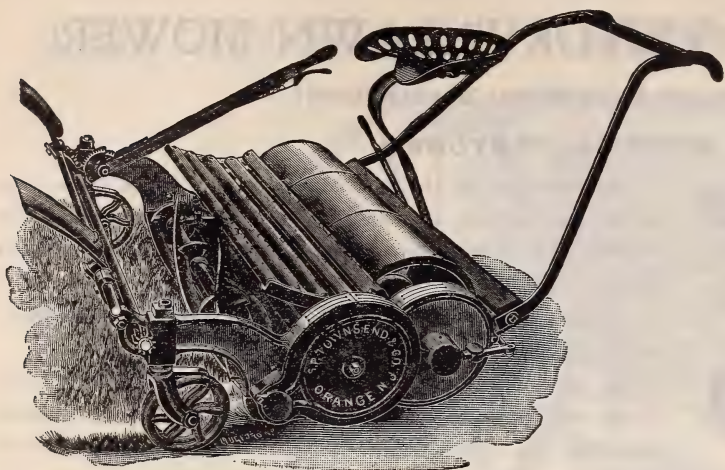
Sextuple Ratchet, almost silent and indestructible, insuring quick starting of the knives.

Chain Drive, light, strong, quiet and easy, and completely shielded. No dirt or cut grass can reach and clog the chains and sprockets.

This mower will cut close enough and clean enough to satisfy the most fastidious golfer, and it will run easier and will stay in perfect order longer than any other golf mower.

Sizes :	12-in.	14-in.	16-in.	18-in.
Prices :	\$11.00	\$12.50	\$13.50	\$14.50





THE TOWNSEND

Horse Lawn Mower.

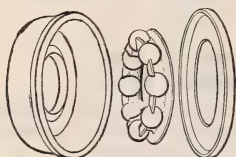
The most perfectly constructed Horse Lawn Mower on the market. Triple rolls, with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

All machines are fitted complete with tool-box, seat, handles, shafts and slide-bar attachment, which keeps the horse on the cut grass.

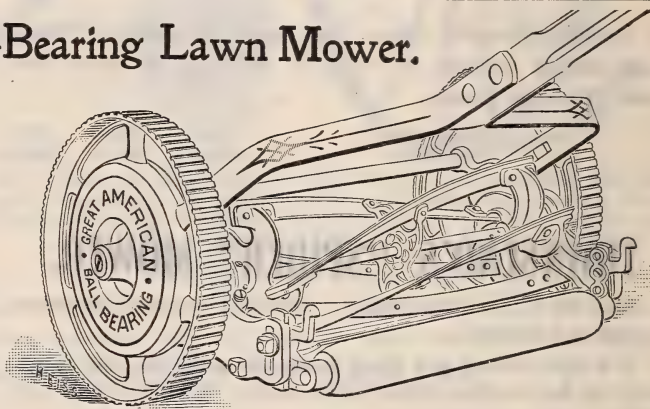
Width of cut, 30 in., 35 in., 38 in.

Write for Price List.

The Great American Ball-Bearing Lawn Mower.

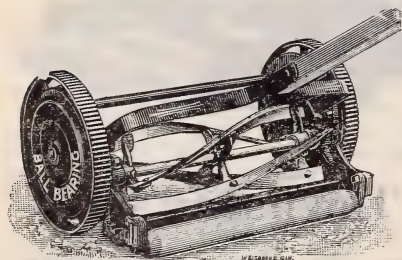


It is safe to say this lawn mower is built with as great a degree of perfection in regard to the ball-bearings as can be found in any bicycle manufactured, and the adjustment is unequalled. Has driving wheels 10 inches in diameter, steel balls of the highest grade placed in dust-proof, steel-covered cups, and open cylinder with five solid cast steel cutting knives. It is handsomely finished, and has the Enos patent bed knife, making it positively self-sharpening. Constructed especially for use in parks and cemeteries.



Price, 15 inch..... \$ 9.00
17 " 10.00

Price, 19 inch \$11.00
21 " 12.00



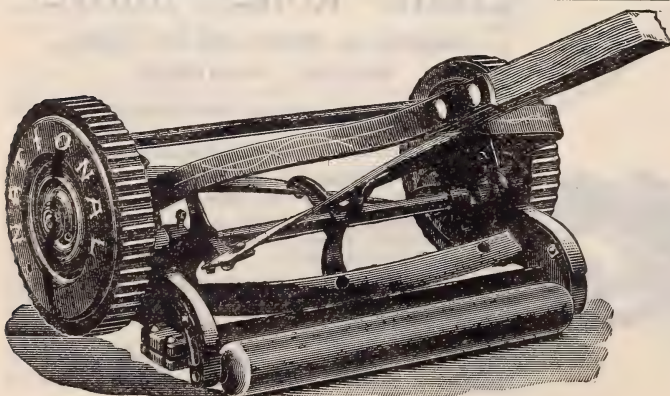
CASCO BAY LAWN MOWER.

9-INCH WHEELS.

BALL BEARING.

6-INCH CUTTING REEL.

The cutting cylinder revolves in ball-bearing journals, thus reducing the friction to a minimum and consequently enabling the mower to be operated much easier than an ordinary mower. **One size only, 16-inch, price, \$5.50.**



NATIONAL
Lawn Mower.

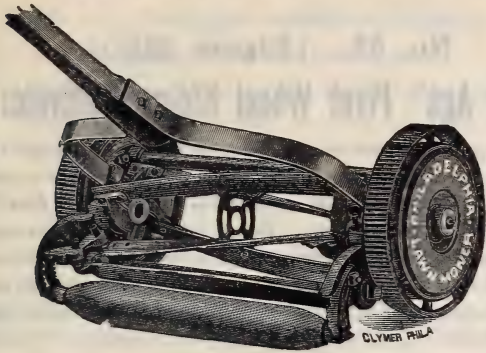
8-inch Wheels.

—The Combined Points are—

PRICE, SIMPLICITY,
DURABILITY, UTILITY.

Width of Cut.	Net Price
12 inch	\$3.00
14 "	3.00
16 "	3.00
18 "	3.25

PHILADELPHIA LAWN MOWERS.



STYLE A.

Large open wiper, 10-inch wheel.

Is entirely different from all other Philadelphia mowers, having a train of three gears, and many other special advantages.

STYLE C.

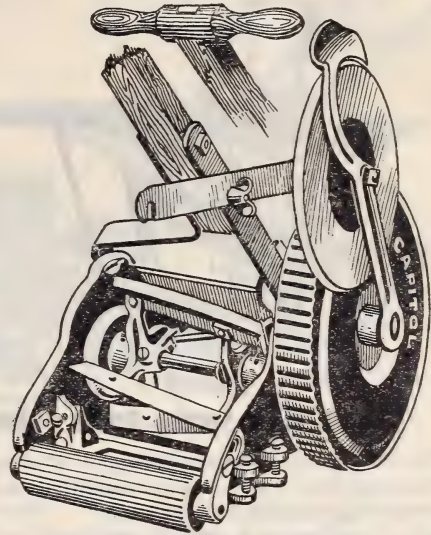
Has all the improvements, with four blades, open cylinder, and 8½-inch driving wheel. Is light running, and does fine work.

STYLE K.

Open wiper. Has a 10-inch wheel; the least amount of gearing possible. Has five knives, insuring a fine cut.

Write for Quotations.

THE CAPITOL LAWN TRIMMER AND EDGER



Does what Lawn Mowers leave undone. Trims and edges the lawn with remarkable speed and perfection; the shield over the blade protects the flowers. Has four steel blades, six inches in length, brass bushings, double adjustment, in fact, is strictly high grade.

Furnished either with or without edging attachment as desired.

Price with Edger, - - - - \$6.00

Price without Edger, - - - - 5.50

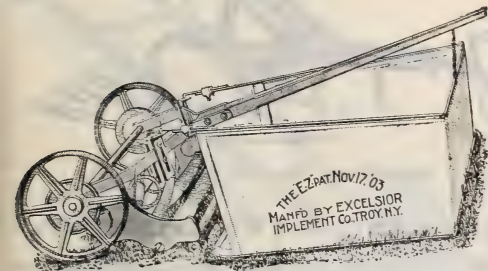
THE "E-Z" GRASS CATCHER.

Consists of a galvanized iron bottom; the sides and back are made of very strong canvas, and the frame is made of galvanized anti-rust, iron wire.

The attachment that fastens on the yoke of the mower is so arranged that it is possible to attach it to all the different styles of lawn mowers and is guaranteed to make a perfect fit, and can be removed to empty or put away in an instant.

The small size fits 12, 14 and 16-inch mowers. The medium size fits 17 and 18-inch mowers.

Price, \$1.50.



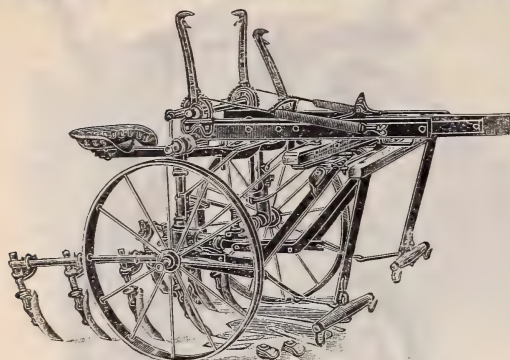
IRON

Garden and Lawn Rollers

Sections each.	Inches long.	Inches diam.	Weight about	Price.
2	7½	15	125 lbs.	\$ 6.00
3	7½	15	190 "	8.50
1	12	20	165 "	7.50
1	12	24	210 "	9.50
2	12	20	300 "	14.50
2	12	24	400 "	17.50



"IRON AGE" FARM AND GARDEN IMPLEMENTS.



No. 82. (Figure 225.)

No. 82. (Figure 225.)

"Iron Age" Pivot Wheel Riding Cultivator.

The greatest labor-saving device ever offered in the line of cultivators, adapted for all kinds of farmers in cultivating all kinds of crops, on hillside or plain,—in fact, to practically universal use. Pivot wheels—ball-bearing—gang-adjusting lever, strong steel wheels, and, although it is light and simple in construction, it is very strong, and possesses many advantages not contained in far more complicated tools. Quality of material and finish is the very best.

Mnfr.'s Price,	\$35.00
K. & W.'s Net Price,	30.00

No. 82A Spring Tooth "IRON AGE" Pivot Wheel Riding Cultivator.

This cultivator is identical with No. 82 except in being equipped with spring teeth.

For some soils, and in certain conditions a cultivator fitted with spring teeth will do better and more efficient work than one with rigid teeth.

Mnfr.'s Price, \$34.00

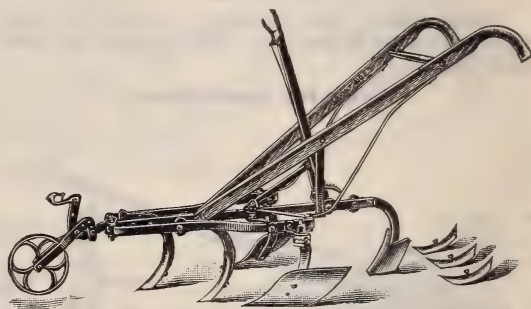
K. & W.'s Net Price, \$29.00

"DIXIE" Horse Hoe and Cultivator.

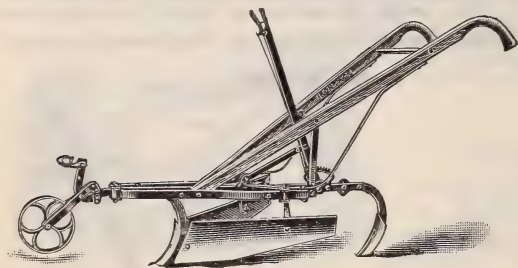
Frame high and long, runs steadily, and clears easily.

All attachments of solid steel, perfectly constructed, and will stand severe strain without injury. Expansion lever, quick adjustment.

K. & W.'s Net Price,	\$4.75
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Dixie Horse Hoe and Cultivator.



Dixie, with Hilling Attachment.

THE HILLING ATTACHMENT.

Is applied by simply removing four standards and placing the standard of the hiller on the middle bar and attaching the short standards of the blades to the side bars. This attachment is used in cases where higher ridging is desired than what can be accomplished with the regular horse hoe blades.

K. & W.'s Net Price,	\$5.25
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DIAMOND TOOTH CULTIVATOR.

As plainly shown in cut, the teeth are diamond shaped, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be quickly removed. Cultivating width, when equipped with lever expander, 34 inches.

K. & W.'s Net Price,	\$4.75
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Diamond Tooth Cultivator.

"IRON AGE" FARM AND GARDEN IMPLEMENTS—Continued.

No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder.

"Another step in labor saving for market gardeners."

In these days of strong competition in the growing of crops of the market gardener, it becomes necessary that he make a study of the most economical use of fertilizers, one of his most costly purchases, and to obtain this economy requires such a tool as we offer in the No. 22 "Iron Age" combined fertilizer distributor, hill and drill seeder, which applies the fertilizer in connection with the seed, just where it will do its most efficient work. Although a tool designed to accomplish so much, it is perfectly simple, light of draft, strong and perfection in the quality of work done by it,—its method of sowing the fertilizer and seed, or of sowing the fertilizer alone is ideal.



No. 22. (Figure 130.)

The Opening Plows of the Fertilizer Distributor

are made in such shape as to encase the two flexible distributing tubes (one in each plow) leading from the fertilizer hopper. These plows are adjustable in depth and width, giving the gardener the privilege of placing the fertilizer as near or as far from the seed as he desires; or, one plow can be used and the fertilizer placed in the same line with the seed. The plows are immediately followed by coverers, which draw the soil over the fertilizer just deposited. Price, \$18.00.

The frames of the "Iron Age" combined tools, seeders, wheel hoes and fertilizer distributors are made of pipe coupled to malleable castings, thus combining great strength with lightness. They have high wheels, are easily adjusted and operated, and are most complete and satisfactory.



No. 6. (Figure 114.)

No. 6. "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder.

Ten tools in one, and each as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills, 4, 6, 8, 12, or 24 inches apart. Can be quickly changed to a double or single wheel hoe, cultivator, rake or plow. Price, complete, \$12.00.

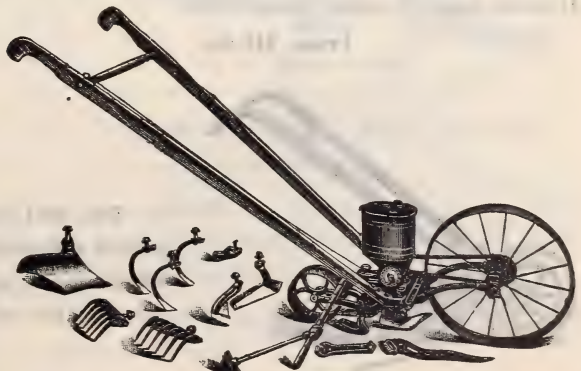
No. 15. "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder.

Very similar to the No. 6 above, excepting it has only the single wheel. Price, complete, \$11.00.

This tool complete, excepting the hill-dropping device, for continuous rows only ("Iron Age," No. 17), price, \$10.00.

As a hill and drill seeder only ("Iron Age," No. 16), price, \$8.50.

As a drill seeder, for continuous rows only ("Iron Age," No. 18), price, \$7.50.



No. 15. (Figure 125.)

"IRON AGE" FARM AND GARDEN IMPLEMENTS—Continued.

No. 4. "Iron Age" Combined Double and Single Wheel Hoe and Drill Seeder.

Remarkable for the variety of work it will accomplish, as it is very similar to the No. 6, excepting the opening plow and hill-dropping device. It does not place the seed in hills, but in continuous rows, and this feature makes it more desirable to some, as they do not wish to place the seed in hills, but prefer the saving in price. It can be used as a double or single wheel hoe, cultivator, rake or plow. Price, complete, \$11.00.

As a drill seeder only ("Iron Age," No. 5), price, \$8.00.



No. 4. (Figure 83.)



No. 9. (Figure 78.)

No. 9. "Iron Age" Single Wheel Hoe. Price, \$5.25.

Is especially suitable for narrow rows, is light, strong, and for work done is very similar to No. 20. A weeder attachment for killing small weeds and pulverizing the soil may also be added. Plain, with hoes only ("Iron Age," No. 10), price, \$3.25.

No. 8. "Iron Age" Hill and Drill Seeder.

This tool is very desirable for the market gardener who prefers an implement for a seeder only. It is simple, light, strong and capacious. The hopper holds four quarts. All small seeds are accurately placed in hills, 4, 6, 8, 12 or 24 inches apart, or in continuous rows.

Price, \$11.00.

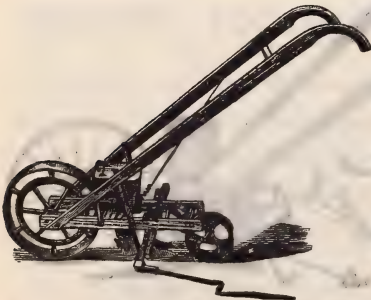


No. 8. (Figure 95.)

New Model Seed Drill.

This drill has been in use many years, and is well known to give perfect satisfaction. It has a large, broad-tired wheel, perfect and reliable index, a cut-off to stop the flow of seed when desired, and is very valuable and complete.

Price, \$8.00.



New Model Seed Drill. (Figure 28.)

"IRON AGE" FARM AND GARDEN IMPLEMENTS—Continued.**No. 20. "Iron Age" Single wheel Hoe.**

A most complete single wheel tool. One pair of side hoes, three cultivator teeth, one pair rakes, and a landside plow are furnished. Price, complete, \$6.00.

With plain hoes only ("Iron Age," No. 21), price, \$4.00.

Can be used as a seeder at any time by adding the drill or hill and drill seeder attachment.



No. 20. (Figure 135.)



No. 1. (Figure 75.)

No. 1. "Iron Age" Double and Single Wheel Hoe. Price, complete, \$7.00.

Can be quickly changed to a double or single wheel hoe, cultivator, plow or rake; as a double wheel, can be used astride the row or as a single wheel between the rows. A drill seeder or hill and drill seeder attachment can be added at any time.

With side hoes only ("Iron Age," No. 3), price \$4.25.

No. 12. "Iron Age" Wheel Plow and Cultivator.

Remarkable for its exceeding lightness, combined with great strength, the low price and variety of work it will accomplish. Will do all the work of a kitchen garden, as ploughing, hoeing, raking and cultivating, and is especially suitable for those desiring such a variety of tools for a small amount. Price, complete, \$3.50.

As a wheel plow only ("Iron Age," No. 11), price, \$2.50.



No. 12. (Figure 120.)



No. 19.

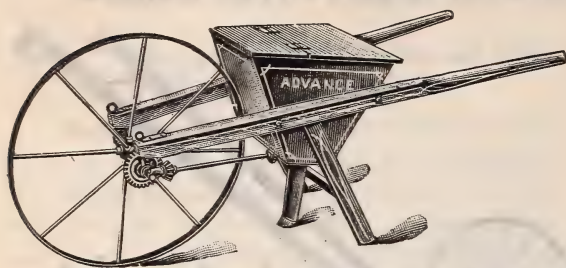
No. 19. "Iron Age" Wheel Plow and Cultivator.

To meet a demand coming from some sections for a wheel plow and cultivator equipped with a higher wheel than anything previously offered.

The wheel is made of steel, thirty inches high and is very strong.

Price \$3.25.

"IRON AGE" FARM AND GARDEN IMPLEMENTS—Continued.



(Figure 56.)

ADVANCE ("IRON AGE") FERTILIZER DRILL.

One of the best low-priced fertilizer distributors made. Has galvanized iron disc, which will not rust or break; a light and strong wrought-iron wheel, and a shut-off to prevent escape of fertilizer at end of rows. A first-class tool for drilling peas and corn.

Price, \$6.75.

As it is possible to show only a few of these implements, a complete descriptive "Iron Age" Catalogue will be sent free on request.

THE "KEYSTONE" ADJUSTABLE WEEDER.

The "Keystone" is the only weeder that is adjustable to depth and width. It can be used as shallow cultivator, working close to the plants, between the rows, until the crops mature.

Will not clog. The long, curved, spring teeth are so placed and shaped that clogging is impossible.

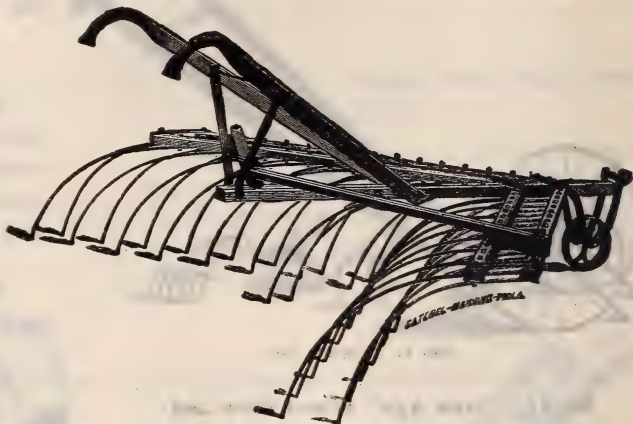
Can be weighted down and teeth will stand 150 pounds pressure.

Keeps the surface fined to admit air, thereby creating a mulch that absorbs the moisture and retards evaporation.

Can be expanded to 7½ feet and narrowed to 30 inches.

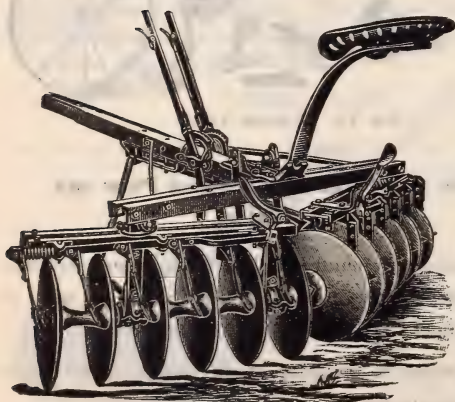
Price—Round Tooth, \$10.00.

Flat Tooth, 10.75.



Syracuse Farm Implements.

SYRACUSE DISC HARROW.



The frame is made of double bars of highly tempered angle steel, giving both strength and rigidity. Each gang has a double-jointed hinge, which acts vertically and horizontally, giving flexibility and free action when working on uneven ground.

The levers are placed within easy reach, and each gang moved separately, so that they are easily operated. The gangs can also be set at different angles, when necessary, which is an invaluable feature when working on side hill or rolling land.

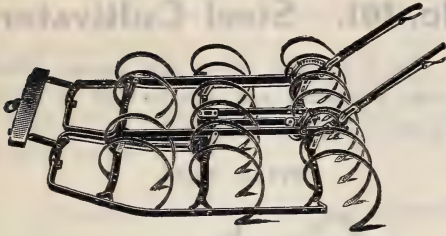
Price: 16-inch, \$21.00; 18-inch, \$22.00; 20-inch, \$24.00.

Including neck yoke, whiffletrees and eveners.

For Harrows with Cutaway Disc, add \$1.50 to the above prices.

SYRACUSE FARM IMPLEMENTS—Continued.

SPRING TOOTH HARROW.



15 Tooth, Two Horse,
17 Tooth, Two Horse,

Frame, tooth-bearing bars and teeth are steel. The frame runs on steel shoes, which can be renewed at small expense. All castings malleable. Most convenient for clearing and turning about or transporting from place to place.

This style of harrow has advantages over the ordinary float harrow, in that the depth of work can be quickly changed even while the harrow is in motion, and by operating the levers a uniform depth can be maintained in soils of variable hardness.

Price, \$13.50.
" **14.50.**

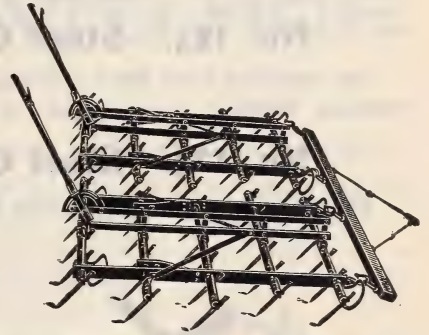
LEVER SPIKE TOOTH HARROW.

Two, Three or Four Sections.

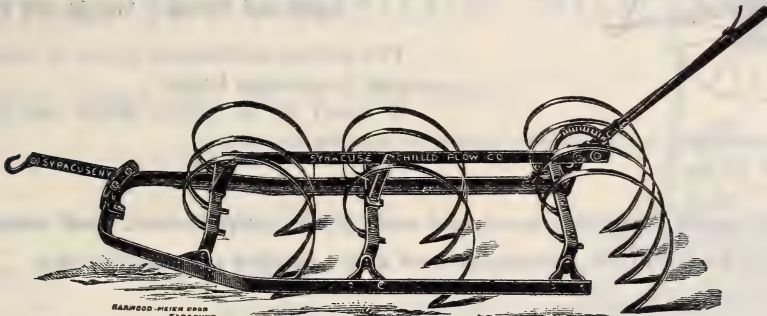
Adapted to pulverize and level the soil and to cultivate young crops. The teeth can be instantly changed from a perpendicular to a horizontal position, thereby throwing the harrow on the runners for transportation. The teeth are adjustable for wear and the tooth-holders will hold equally well. Teeth one-half or five-eighths of an inch square.

60 teeth, two section,

Price, \$11.50.

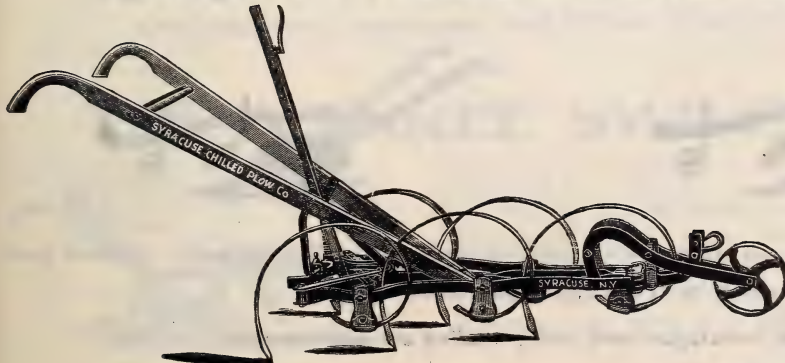


SYRACUSE SPRING TOOTH CULTIVATORS.



No. 145. Ten Tooth, One Horse, plain teeth, with lever.

Price, \$8.00.



No. 64.

This style is especially adapted for use in stony ground. The frames are steel, strong and well put together throughout. The teeth are fine oil-tempered springs, are alike and interchangeable, and are also adjustable for angle and depth.

Has expanding lever, five spring teeth and stationary wheel.

Price, \$6.00.

SYRACUSE FARM IMPLEMENTS—Continued.



No. 101.

No. 123. Steel Cultivator.

Has expanding lever, five 3-inch wing points, shovel point, and stationary wheel.

Price, \$4.75.

No. 124. Steel Cultivator.

Expanding lever, five 3-inch points, hiller sweeps and wheel.

No. 101. Steel Cultivator.

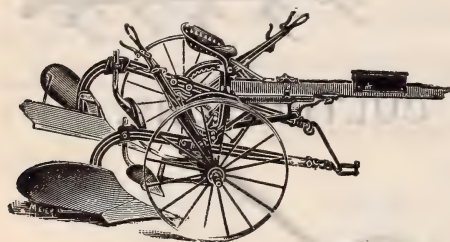
Has expanding lever, five points, hiller sweeps and wheel, and is made with an extra long and heavy frame.

Price, \$6.75.



No. 123.

Price, \$5.00.



Syracuse Reversible Sulky Plows.

Do Perfect Work on Hillside or Level Land.

No Ridges or Dead Furrows.

Light and Strong. Simple and Practical.

Two perfect combination plows on separate steel beams, operated by separate levers.

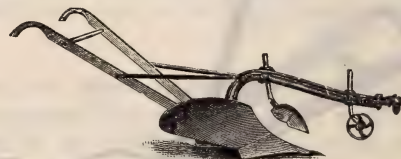
A power lift of simple design and easily handled, enabling any boy competent to handle horses, capable of running the plow.

Steel wheels on steel axles.

With each sulky is furnished neck yoke, whiffletrees and waver.

Descriptive catalogue and price mailed on application.

Syracuse Steel Beam Plows.



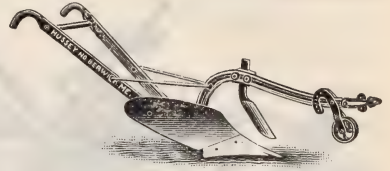
All parts steel. Workmanship and material of the very best grade and quality attainable. Superior turning qualities; will turn a furrow smoothly up or down on sloping land.

Descriptive catalogue and price mailed on application.

A complete descriptive Syracuse Catalogue will be sent free on request.

HUSSEY STEEL-BEAM PLOWS.

These plows are very strongly built, have the regular "Hussey" shaped mouldboard, which is so much liked by New England farmers, are made of the best materials throughout, are easily held, and are as nearly complete and satisfactory in every respect as the most critical farmer can ask.



Descriptive Catalogue and Prices Mailed on Application.

IMPROVED POTATO HOE.



This implement, known as the "Chandler Hoe," is especially adapted for hilling potatoes, banking celery and also as a coverer. It is also much used as a "marker" for different crops, making the rows parallel and equally distant.

Price, \$6.00.

National Reversible Sulky Plow.

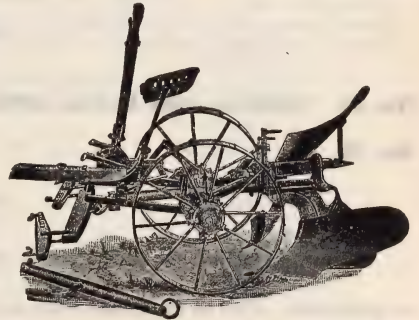
Will Plow Stony, Rough Side Hill, or Level Land.

ONLY NEEDS TO BE TESTED TO BE APPRECIATED.

Of Light Draft and Easily Handled.

With each Sulky is furnished Neck-Yoke,

Whiffletrees and Evener.



Descriptive Catalogue and Prices Mailed on Application.

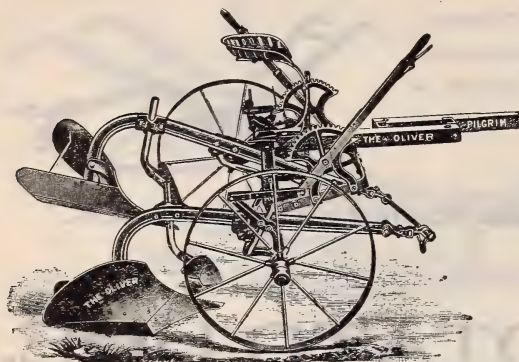
THE YANKEE SWIVEL PLOW.



The most perfect working reversible plow we have ever offered. Has a wooden beam, patent steel metal mouldboard, with patent steel shifting lever and clevis, enabling the plowman to take any desired width of furrow without stopping his team. Manufactured of superior hard metal in six different sizes.

For full information and prices, send for Yankee Plow Catalogue.

OLIVER CHILLED PLOWS.



OLIVER SULKY PLOW.

No. 11. OLIVER SULKY PLOW,

With No. 40 chilled base, 40 S gang shares, jointer, wheel, evener and tongue.

Price on application.

WOOD AND STEEL BEAM (FULL CHILLED) PLOWS.

No. 20.	Chilled, wood beam, with wheel and jointer or cutter.....	Price, \$12.00
No. 20.	“ steel “ “ “ “ “ “ “ “	“ 13.00
No. 40X.	“ wood “ “ “ “ “ “ “ “	“ 12.50
No. 40X.	“ steel “ “ “ “ “ “ “ “	“ 13.50

Will turn a furrow 7 x 13 inches.

No. 58.	Chilled, iron beam, with wheel and cutter.....	Price, \$11.75
No. 58.	“ “ “ “ “ “ “ “ and shifting clevis	“ 13.75

Will turn a furrow 9 x 16 inches.

Designed for hillside, mountain farm, and level land plowing, especially where the soils are stony and hard to penetrate. Can be furnished with shifting clevis and hanging coulter, when desired.

Send for complete illustrated catalogue of Oliver Walking and Riding Plows and repairs.

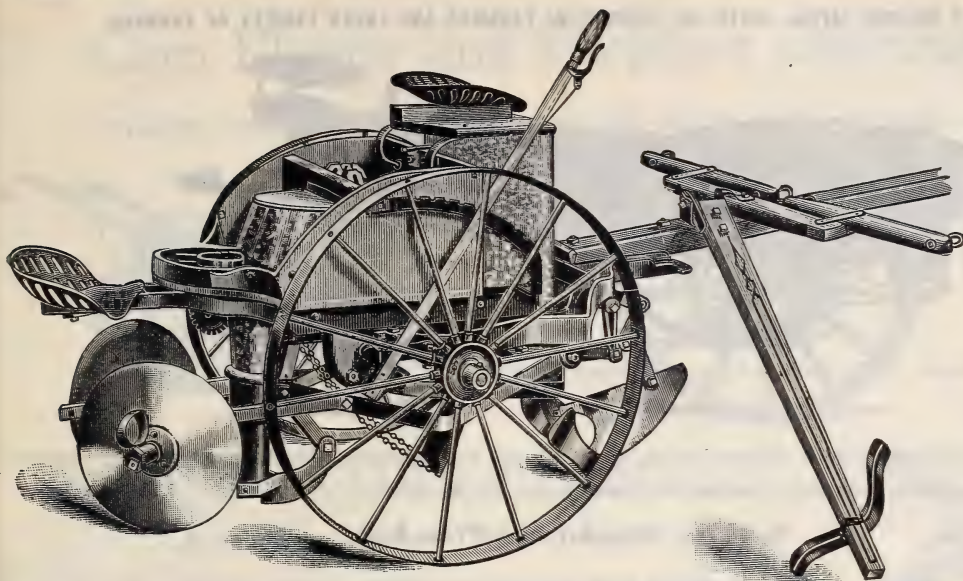


THE YANKEE DISC HARROW.

Price, 16-inch, \$20.00; 18 inch, \$21.00; 20-inch, \$23.00.

Including Neck Yoke, Whiffletrees and Evener.

THE "IRON AGE" (IMPROVED ROBBINS) POTATO PLANTER.



This planter is one of the most thoroughly constructed machines offered to the farming public. It is carefully made of the very best materials and consequently is strong, durable and thoroughly practical.

Plain or with fertilizer attachment.

Mnfr.'s Price, No. 1—Potato planter with fertilizer distributor (plow with shield), \$83.00.

K. & W.'s Net Price, \$70.00.

SEND FOR SPECIAL CIRCULAR.

"IRON AGE" POTATO DIGGER.

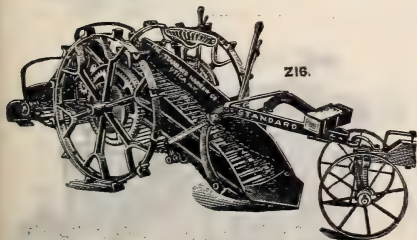
The "Iron Age" is adaptable to a wide diversity of conditions of culture and soil, and has several attachments, the application of which makes it possible to satisfactorily operate the digger under more varied conditions than many other diggers on the market, and also eliminates the necessity of loading down the machine with parts which many farmers will not need.

Write for illustrated catalogue, which will fully and satisfactorily explain all details.

PRICE

No. 120. Potato Digger (Figure 200),	\$100.00
No. 121. Elevator Attachment (Figure 201),	15.00
No. 122. Potato Digger (Figure 202),	115.00
The Three Horse Hitch (Figure 203),	3.00
Spur Attachment for Wheels (Figure 204),	3.00
Disc Attachment (Figure 205),	8.00

THE STANDARD ELEVATOR POTATO HARVESTER.



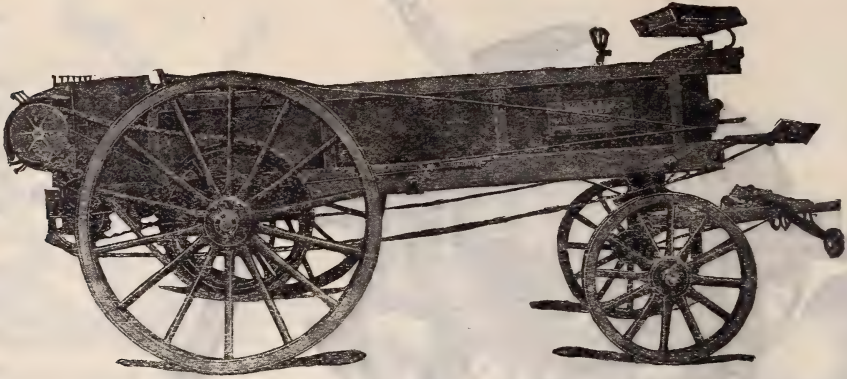
the Standard is a *light draft* harvester. factory in every case.

To get the most successful results, the elevator style of potato harvester is necessary. The Standard is a successful digger of great power and minimum draft. It is free from complicated parts, is recommended as the strongest machine made, and every part is fully guaranteed. The shovel brings the hill to the elevator differently from others, and greatly improves the usual method of separation and elevation. The apron or carrier is an endless belt of linked rods, and the shovel is so placed that the carrier beats and separates a large part of the soil *without* elevating, hence one strong reason why Placed in the field with other harvesters, it has proved entirely satis-

Price, \$100.00.

THE WORCESTER KEMP MANURE SPREADER.

IS BUILT IN FOUR SIZES. SUITS ALL CLASSES OF FARMERS AND EVERY VARIETY OF FARMING.



The strongest spreader built, lightest draft, does its work with certainty, handling all kinds of manure, lime, ashes and fertilizer, accurately gauging the amount put out per acre.

Send for Circular and Price List.

The Standard Manure Spreader.

Easily handled. Apron cannot "race," lever at seat changes feed, apron returned by team, special beater, hood and rake.

Send for Circular and Price List.



The Racine BROADCAST SEEDER.

Will sow perfectly any quantity to the acre of all kinds of Grain, Oats, Barley, Rye, Buckwheat, etc., or Grass Seeds, Clover, Millet, Timothy, Hungarian, etc. Will also sow peas, corn and fertilizers; in fact, anything which requires broadcasting in a most satisfactory manner.

Price, \$8.50.

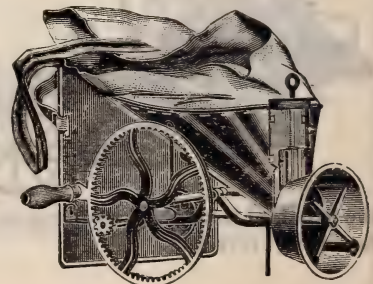
THE CAHOON BROADCAST SEED SOWER.

For Sowing Wheat, Oats, Barley, Rye, Buckwheat, Grass Seeds, etc.

This hand machine sows from four to eight acres per hour, at a common walking gait.

A saving of four-fifths of the labor, and one-third of the seed used in hand sowing is effected by using this machine. A person entirely unused to sowing by hand can use it with perfect success. Warranted to give satisfaction.

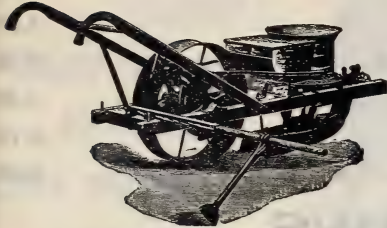
Price, \$3.00.



THE KING OF THE CORN FIELD.

Corn Planter and Fertilizer Distributor.

PLANTS CORN, BEANS, PEAS, BEETS AND OTHER SEEDS OF LIKE SIZE.



This planter is perfectly adapted to every requirement; durable and simple in construction, not liable to get out of order, and is arranged to drop any desired quantity of seed or fertilizer at a time, at equal and various distances apart, in hills or drills of uniform depth. *The seed-dropping device is positive, never misses or skips a hill.*

Price, \$20.00.**Descriptive Catalogue Mailed on Application.**

ECLIPSE CORN PLANTER

And Fertilizer Distributor.



For Planting Field or Ensilage Corn, Beans, Peas or Beet Seeds, in Hills or Drills.

Price, \$20.00.

ECLIPSE DOUBLE ROW CORN PLANTER.

Will distribute from 50 to 600 lbs. fertilizer to the acre. Can be adjusted to make the rows 36, 38, 40 and 42 inches apart.

Plows can be adjusted to plant corn from one to four inches deep, as desired.

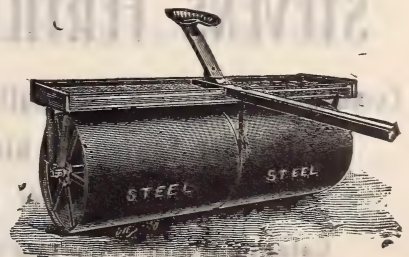
Price \$45.00.**Descriptive Catalogue Mailed on Application.**

The Eureka KITCHEN GARDEN and HOT BED Seed Drill.

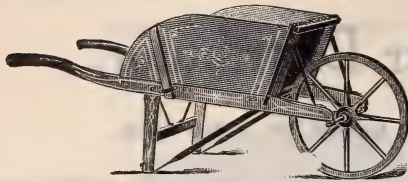
Will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips, and all such seeds with the greatest regularity.

Price, \$1.00.

TWO-SECTION STEEL LAND ROLLERS.

**Prices furnished on application.**

WHEELBARROWS.



GARDEN BARROW.

No. 2. K. & W. Garden Barrow	\$2.75
No. 3. " " " "	3.00
No. 4. " " " "	3.25
No. 5. " " " "	3.75
No. 6. " " " "	4.00

No. 4. Custom Made. Strongly ironed and heavily braced	3.75
No. 5. " " " " " " " "	4.25
No. 6. " " " " " " " "	4.75
Lawn or Stable Barrow. Extra size (box being 32 in. x 25 in. x 18 in.)	8.50

CANAL BARROWS.



STEEL TUBULAR CANAL BARROW.

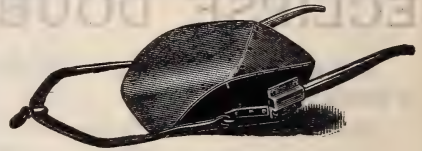
Wood Tray, \$1.75 to \$2.25
Steel Tray No. 12, 3.75
All Steel, No. 80, 6.50



CANAL BARROW.

STEEL ROAD SCRAPERS.

No. 0. Price	\$8.50
No. 1. "	6.00
No. 2. "	5.75
No. 3. "	5.50



CAST IRON HEAD FOR DRAG.



This illustration shows a simple device whereby a drag can be readily made by using STRAIGHT plank. Price, \$3.00
We also furnish the drag complete as shown below. Price, \$7.00

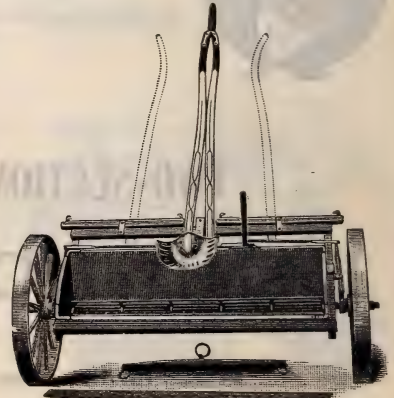


THE WORCESTER DRAG. Price Complete, \$5.00

STEVENS FERTILIZER SOWER.

Combining Simplicity, Strength and Durability. Excellent for Sowing All Kinds of Fertilizers, Broadcast or in Drills.

Catalogue and Price List Sent on Application.



ADRIANCE FARM MACHINERY.

MOWERS,

RAKES,

TEDDERS,

GRAIN BINDERS,

REAPERS,

CORN BINDERS,

HARROWS,

ROLLERS,

BINDER TWINE.



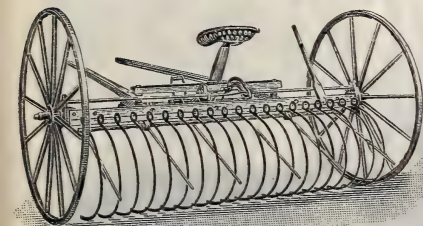
**For more than Half a Century we have built our
Machines Better than Others.**

The ADRIANCE MOWER.

Won and holds the foremost place.

The NEW YORKER RAKE.

Specially adapted for Maine.



DISC HARROWS.

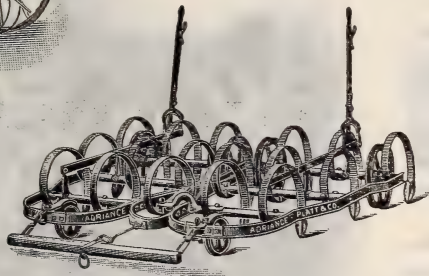
Solid disc or
cut-out discs.

BINDERS.

The most efficient in the
field.

TEDDERS AND ROLLERS.

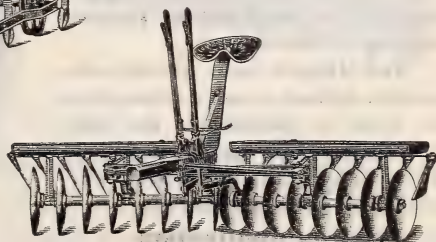
Fit companions to our Line Leaders.



SPRING TOOTH

HARROW.

The strongest made.



If you want the best buy Adriance.

ADRIANCE, PLATT & CO.,

PORTLAND, MAINE.

Home Office, POUGHKEEPSIE, N. Y.

KENDALL & WHITNEY,

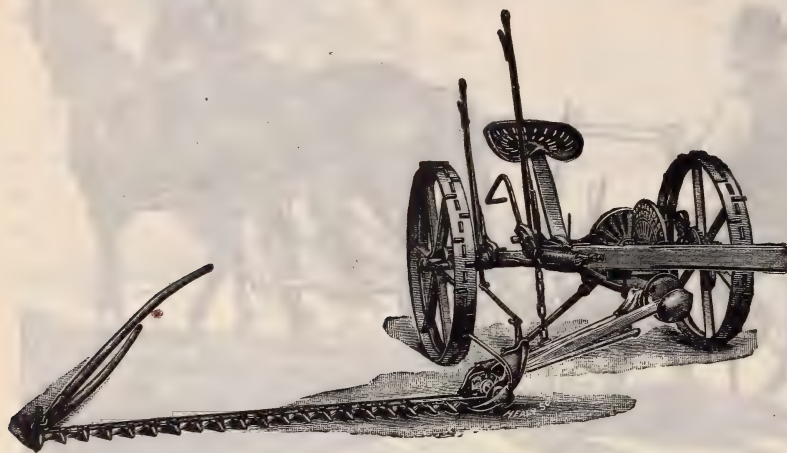
Transfer and Selling Agents,

PORTLAND, - MAINE.

SEND FOR CATALOGUE.

Adriance
Farm Machinery
gives the best service
for the longest time
at the least
expense

The Worcester Buckeye Mower.



TWO-HORSE, FIVE-FOOT STANDARD WORCESTER MOWER.

The Worcester Buckeye represents the combined results of many years of study and skill of expert mechanics, until it is to-day one of the strongest and best-made mowers manufactured.

Briefly stated, the important features in the Worcester Buckeye are simplicity of construction, durability, light draft, and interchangeable parts. It is easily kept in condition, and will cut any grass that grows in the shortest possible time.

Prices on Application.

The Bullard Hay Tedder.

The Bullard tedder takes the hay up from the bottom, shakes it in the air, and leaves it lightly on the ground for the sun and air to complete the work.

The forks of a Bullard tedder never clog. They extend outside the wheels, and hay that has been teded is not run over and matted down.

If you want to get a tedder that will do its work in the right way, and give you the most lasting satisfaction, buy a Bullard.

New Mudgett fork. Double compression springs, wooden frame, does not shake to pieces. Is the only form of the tedder made that will do satisfactory work in turning corners. Few parts and long life.

Price on Application.



THE NEW MODEL MUDGETT TEDDER.

THOROUGHLY MADE AND ADJUSTED IN ALL ITS PARTS.

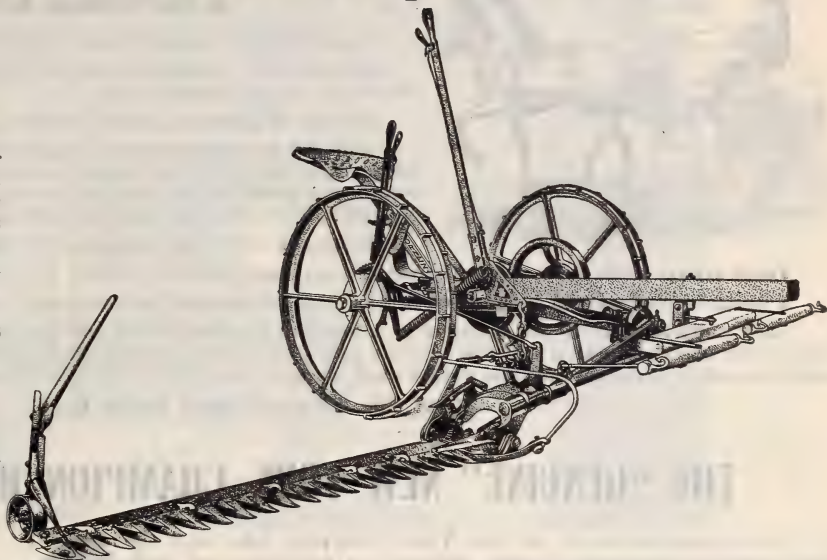
The draft is light, owing to high wheels and direct application of power to the work, no intermediate gears being used. Price on application.

The International Harvester Co.'s Line of Osborne Farm Implements.

THE NEW

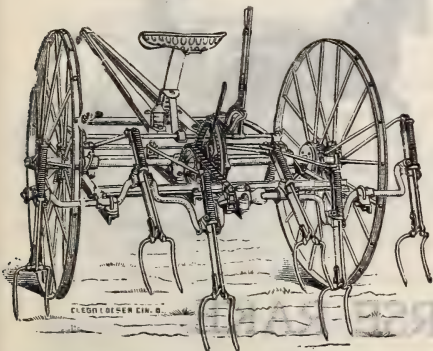
Osborne Mower.

The new Osborne mower has made a place for itself in the front ranks of grass-cutting machines. Each detail that means much to the farmer has been worked out with care, and the result is a perfect machine in every respect. Wide frame, broad-faced gears, and a foot lift that raises the cutter bar high above every obstruction, are a few of the valuable features. The draft attachment should not be overlooked when comfort for the team is considered. Made in all sizes, plain and vertical lift.



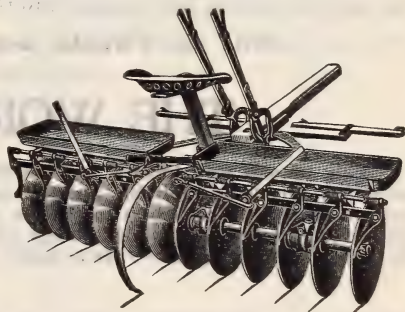
OSBORNE CENTER DRIVE TEDDER.

The Osborne tedder is without doubt one of the strongest made and the only tedder that is equipped with roller bearings throughout. This means easy draft and long wear. The full power of both wheels applied to the forks makes the draft light, and the forks always in perfect adjustment, whether going straight ahead or turning a corner. Sizes: 6 and 8 fork.



OSBORNE RIVAL DISC HARROW.

We are very glad to offer our customers the Osborne disc harrow, for we know that satisfaction follows every sale. Equipped with weight boxes, centre teeth, 3-horse attachment and two levers, leaves nothing to be desired. We have it in all sizes, both solid disc and cutaway.



OSBORNE SPRING-TOOTH HARROW.

This harrow is so well known and popular that it needs no description. We simply wish to remind you that we are never without them in stock. Sizes: 9, 15, and 17. We carry the sulky harrow in 15 and 17 tooth.



OSBORNE

MANURE SPREADERS, PEG HARROWS, CULTIVATORS, ALL STEEL HAY RAKES, CORN HARVESTERS, CREAM HARVESTERS, RIDING SPRING-TOOTH HARROWS, COMBINATION HARROWS, GRAIN BINDERS, AND TWINE.

A full line of extra parts always in stock Prices on application.

KENDALL & WHITNEY,

Transfer and Selling Agents.

THE YANKEE HORSE RAKE.



Some of the Leading Points of Superior Excellence found in the Yankee Horse Rake.

Simplicity in construction and excellent quality of materials.

Adaptability to rake anywhere, whether the fields are rough or smooth or the hay green or dry.

Rake-head adjusted so as to *balance the weight* of the teeth.

This device (peculiar to the Yankee Rake) prevents the teeth from falling back heavily to the ground, after dumping the windrow. It also completely prevents the teeth from dragging heavily and digging up old rubbish or filling the hay with dirt and dust.

Teeth run level with the ground at their points.

Teeth always made from the best crucible cast steel, tempered in oil.

A tooth can be inserted or removed in less than five seconds, and without disturbing any bolts.

Each tooth is perfectly independent in action and supplied with a yielding spring that will allow it to pass safely over any obstruction that the axle can pass over, saving at least three-fourths of the expense of broken teeth caused by pressure bars and guides used on rakes that **CANNOT USE THIS PATENTED DEVICE.**

Send for Circular and Price List.

THE "GENUINE" NEW YORK CHAMPION HORSE RAKE.

In the construction of the New York Champion rake, only the best material obtainable is used, making it a well-built and well-finished rake.

It will not dig up new seeding.

It has no springs to get out of order.

It is very easy to keep the teeth up after going over a windrow.

It can be held down to make very large windrows, or bunch them up.

It is so easily managed that a boy can use it as well as a man.

Patent oscillating cleaner, the only device that fully prevents the hay from rolling and working into the wheels.



Send for Circular and Price List.

THE WORCESTER HORSE RAKE.

This rake is well known, and has won an enviable reputation wherever it has gone. It is simple in construction, strong and reliable, and will rake rough places or smooth ground equally well. It has flattened sled-runner-shape teeth, the best steel tires, steel axles and hickory wheels. **Special attention** is called to the improved carrying device for holding rake-head up when dumped, and carrying it any desired distance before dropping. *The Worcester rake is made ALL STEEL construction if preferred by our customers.*

Price on application.



THE "DIAMOND" KNIFE GRINDER.

One of the best machines for its purpose ever put on the market, and the easiest to operate, especially by an inexperienced person. There are **ONLY TWO GEARS** in the entire machine, which cannot fail to make it run easily, and it can be quickly attached to a bench, mowing machine wheel, or other suitable support. All the shafting is lathe cut from the best cold rolled steel and the bearings are all reamed to fit, prevent wear, and to support the grinding wheel rigidly at the high rate of speed at which it runs. The castings are all thoroughly jappanned. **Price, \$3.50.**

Sections for Mowers and Reapers.

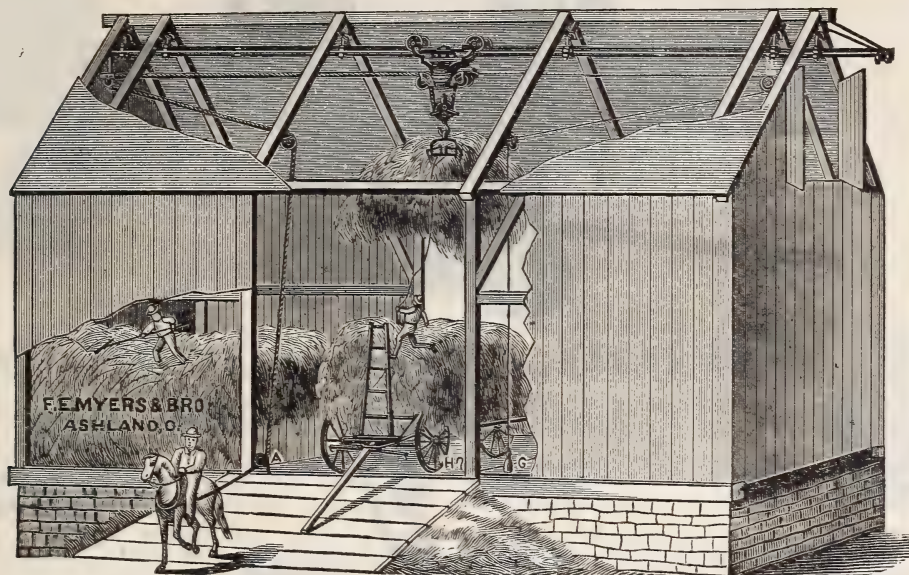
Farmers can have their orders promptly filled by sending directly to us for sections for all kinds of machines.

Sections will be polished on both sides, and stamped with the name of the machine for which they are intended.

 In ordering send size of section wanted. 

ALL KNIVES AND SECTIONS WARRANTED.

CUT SHOWING HAY CARRIER AT WORK.



MATERIAL REQUIRED FOR A STEEL TRACK OUTFIT FOR DIFFERENT LENGTH BARN.

FOR A 40-FOOT BARN.—One reversible carrier; 40 feet steel track; 21 hanging hooks; 21 rafter brackets; 5 pulleys; 1 D. H. fork; 6 floor hooks; 110 feet $\frac{3}{4}$ -inch Manila rope; 50 feet $\frac{3}{8}$ -inch check rope.

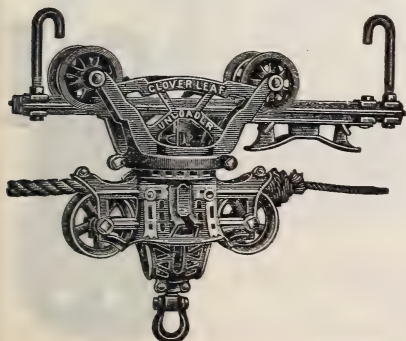
FOR A 50-FOOT BARN.—One reversible carrier; 48 feet steel track; 25 hanging hooks; 25 rafter brackets; 5 pulleys; 6 floor hooks; 130 feet $\frac{3}{4}$ -inch Manila rope; 55 feet $\frac{3}{8}$ -inch check rope.

FOR A 60-FOOT BARN.—One reversible carrier; 60 feet steel track; 31 hanging hooks; 31 rafter brackets; 5 pulleys; 6 floor hooks; 160 feet $\frac{3}{4}$ -inch Manila rope; 60 feet $\frac{3}{8}$ -inch check rope.

Different lengths of barns will use track, hanging hooks and rope in same ratio as above.

Above estimates of rope are for an *end hoist*. In hoisting from *centre* of barn less rope will be required.

When requesting quotations do not fail to give exact length of barn, whether ridge pole or full rafter, and distance between rafters. Also state whether you expect to hoist from end or centre of barn.



MYERS STEEL TRACK CARRIER.



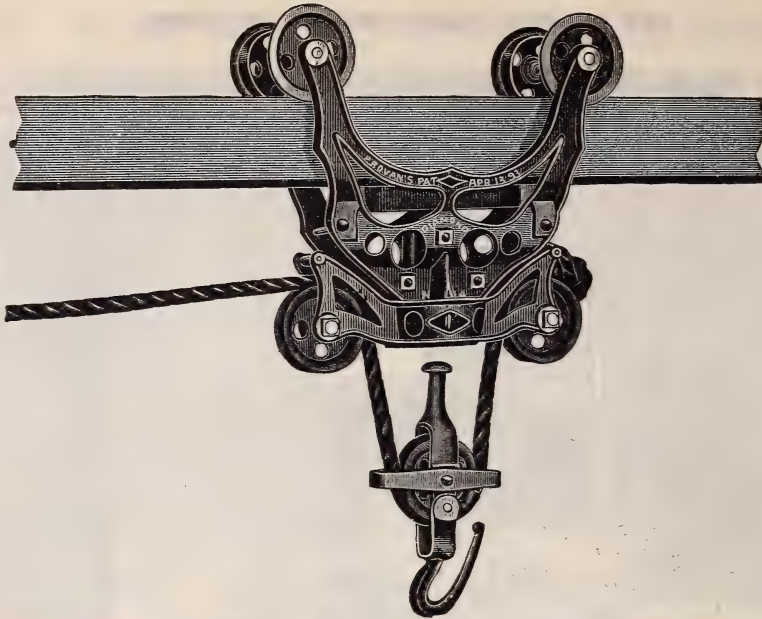
Rafter Bracket.

Rafter Bracket
with Stop.

—Write for Quotations—



Hanging Hook.



DIAMOND WOOD TRACK CARRIER.



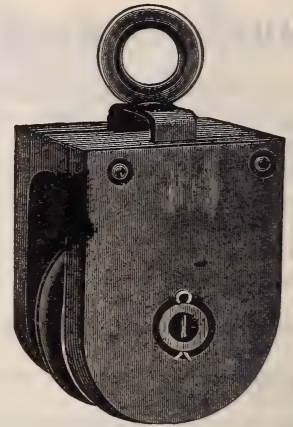
Screw Eye Hanging Hook.



Double Harpoon Fork.



Floor Hook.



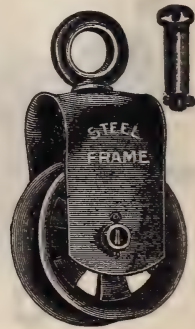
Reed Pulley with Hook or Eye.



Knot Passing Pulley.



Steel Rafter Grapple.



Steel Frame Pulley.

Write for Quotations.



THE HERO CHURN.

The "Hero" Churn we offer to those desiring a low-priced barrel churn, as we believe that there is more value for the money in this churn than in any other ever brought to our notice.

The churns are made of best white oak, thoroughly seasoned and kiln dried, having galvanized iron rim in head, making it very strong. The cover fastening is very simple and efficient.

No.		Mnfr.'s Price.	K. & W.'s Price.
1	Ten Gal., churns from 1 to 5 gals. cream.....	\$ 9.00	\$ 4.75
2	Fifteen Gal., churns from 1 to 7 gals. cream.....	10.00	5.50
3	Twenty Gal., churns from 2 to 9 gals. cream.....	11.00	6.05
4	Twenty-five Gal., churns from 2 to 12 gals. cream.....	14.00	7.20
5	Thirty-five Gal., churns from 3 to 16 gals. cream.....	16.00	8.70
6	Sixty Gal., churns from 6 to 22 gals. cream.....	22.00	11.55

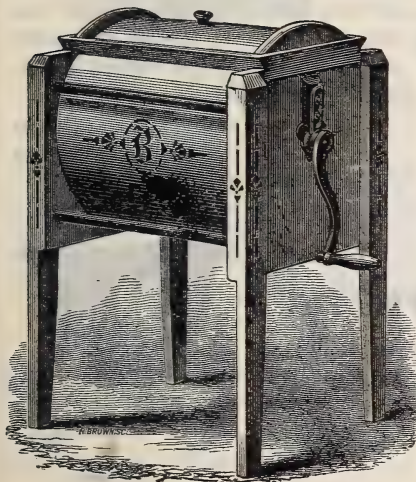
The Stoddard Churn.

ONE OF THE MOST PERFECT CHURNS MADE.

The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion and not friction—has no floats or paddles inside. It is easily operated and easily cleaned. Perfect in construction, and having no parts liable to break or get out of order, it fully meets the requirements of large or small dairies.



No.		Mnfr.'s Price.	K. & W.'s Price.
1	Ten Gallon, churns from 1 to 4 gals. cream.....	\$ 8.00	\$ 7.00
2	Fifteen Gallon, churns from 2 to 7 gals. cream.....	9.00	8.00
3	Twenty Gallon, churns from 3 to 9 gals. cream.....	10.00	9.00
4	Twenty-five Gallon, churns from 4 to 12 gals. cream.....	12.00	10.50
5	Thirty-five Gallon, churns from 5 to 19 gals. cream.....	14.00	12.00
5 1/2	Forty-five Gallon, churns from 5 to 20 gals. cream.....	17.00	14.50
6	Sixty Gallon, churns from 6 to 28 gals. cream.....	20.00	17.00



THE BLANCHARD CHURN.

The following are the leading merits of the BLANCHARD CHURN :

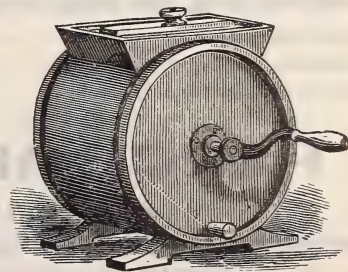
Perfect quality of all materials used. Excellency of manufacture. Simplicity of construction, having no cog wheels or gearing. Durability. Ease of operation. The action of the dasher is such as to cause agitation of the cream by creating currents, and not by beating or by friction of the cream, which may injure the grain of the butter. Facility in removing the dasher and getting at the butter. Ease of cleaning, the form of construction making the inside without any inaccessible or invisible angles or corners.

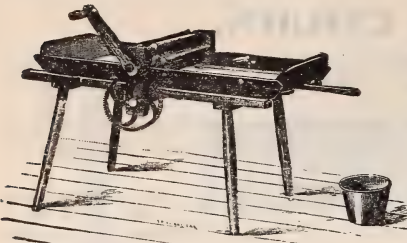
No. 3, for up to about 2 gallons of cream.....	\$4.50
No. 4, " " 4 " "	5.00
No. 5, " " 6 " "	5.75
No. 6, " " 12 " "	7.00
No. 7, " " 16 " "	8.25

CYLINDER CHURNS.

A Favorite Style of Churn which has been in Use for Many Years.

No. 1, capacity 2 1/4 gallons....	\$1.85	No. 4, capacity 10 1/2 gallons....	\$3.00
No. 2, " 4 " "	2.25	No. 5, " 15 " "	3.35
No. 3, " 7 " "	2.65		





THE Waters Butter Worker.

Practical, efficient, durable. It combines more advantages than any other. The tray is removable and thus takes the place of the butter bowl.

Will work butter in any condition satisfactorily. Made in sizes to suit any dairy or factory.

Size No.	Length of Tray.	Width of Tray.	Capacity.	Mnfr.'s Price.	K. & W.'s Price.
0.	27 in.	14 in.	1 to 15 lbs.	\$ 7.00	\$ 6.00
1.	36 in.	15 in.	5 to 30 lbs.	8.00	7.00
2.	36 in.	18 in.	5 to 40 lbs.	9.00	8.00
3.	39 in.	20 in.	5 to 50 lbs.	10.00	9.00
4.	48 in.	22 in.	10 to 75 lbs.	12.00	11.00

REID'S PATENT BUTTER WORKER.

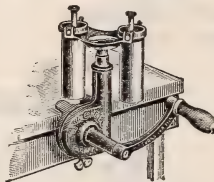
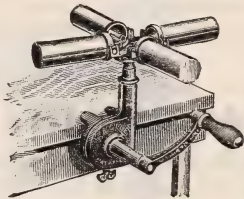
These machines are all built of the best material; the iron part is galvanized, preventing rust.



No.	Size, 23 x 36 inches, 2 1/4 inches deep inside; capacity, 50 lbs.,	Mnfr.'s Price.	K. & W.'s Price.
No. 1.	20 x 36 " 2 1/2 " " " 30 "	\$10.00	\$7.50
No. 2.	17 x 27 " 2 1/2 " " " 20 "	8.00	6.00
No. 3.	14 x 23 " 2 1/2 " " " 10 "	7.00	5.25
No. 4.		6.00	4.50

Three pounds can be worked in any of the above machines, as well as a larger quantity. In buying a machine you should choose a size that will work the largest quantity that you will be likely to want to work at a time.

THE "FACILE" IMPROVED BABCOCK MILK TESTER.



The day for cheap, poorly-made Babcock Testers has gone by, and a demand has sprung up for a substantial and durable machine. It is for this reason that the "Facile" has been placed on the market, and no expense has been spared to make it complete in every way.

2 bottles	\$4.00	8 bottles	\$8.50
4 "	5.00	10 "	9.50
6 "	7.50		

MORE'S Pyramidal Milk Strainer.

Most perfect Milk Strainer ever offered to dairymen. Can be used on Creamery Cans, Milk Cans, Small Pans, etc. Cleans milk rapidly, will not clog, has large straining surface.

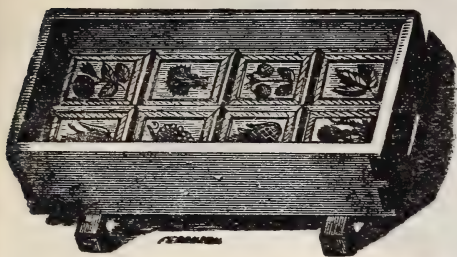
Strainer, with rest or funnel	\$1.25
Strainer, with rest and funnel	1.40
Extra rests or funnels, each .....	.15



PARCHMENT BUTTER PAPER. FOR WRAPPING AND COVERING BUTTER.

Better, Cheaper and more Convenient to use than Ordinary Muslin. Price, 15c. per Pound. Special quotations for large quantities and printing special designs.

COMBINATION BUTTER MOULDS.



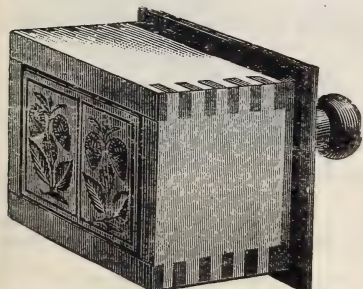
These moulds are expressly designed to meet the growing demand for strictly first-class hand-carved designs, for during the past few years the creamery and dairy men have been much more particular about the appearance of their butter than formerly.

The extensive sale and great satisfaction given by the use of the COMBINATION MOULDS has earned a reputation second to no others in use.

The cut here shown represents Mould No. 6, which holds two pounds, and is divided into eight cakes, $\frac{1}{4}$ pound each.

Prints engraved to order, with any Design, Initial or Monogram, without extra charge.

No. of Print.	No. of Cakes.	Capacity in lbs.	Capacity of each Cake in ounces.	Dimensions of Moulds in inches.	Dimensions of each Cake.	Price.
1	3	$1\frac{1}{2}$	8	10 x $3\frac{1}{2}$	$3\frac{1}{2}$ x $3\frac{1}{3}$	\$3.55
2	4	2	8	11 x $3\frac{3}{4}$	$3\frac{3}{4}$ x $2\frac{3}{4}$	3.70
3	4	2	8	12 x 3	3 x 3	3.75
4	4	1	4	$4\frac{1}{2}$ x 5	$2\frac{1}{4}$ x $2\frac{1}{2}$	3.50
5	4	1	4	10 x $2\frac{1}{2}$	$2\frac{1}{2}$ x $2\frac{1}{2}$	3.75
6	8	2	4	10 x $4\frac{1}{2}$	$2\frac{1}{4}$ x $2\frac{1}{2}$	4.50
7	6	$1\frac{1}{2}$	4	10 x $3\frac{1}{2}$	$3\frac{1}{2}$ x $1\frac{3}{4}$	4.25
8	12	$1\frac{1}{4}$	2	12 x 4	2 x 2	5.00
9	16	1	1	10 x 3	$1\frac{1}{2}$ x $1\frac{1}{2}$	5.00
10	24	$1\frac{1}{2}$	1	10 x 4	$1\frac{1}{4}$ x $1\frac{1}{3}$	5.25
12	8	4	8	11 x 5	$2\frac{3}{4}$ x $2\frac{1}{2}$	4.50
20A	4	2	8	11 x $4\frac{1}{2}$	$3\frac{1}{2}$ x $2\frac{1}{2}$	3.75



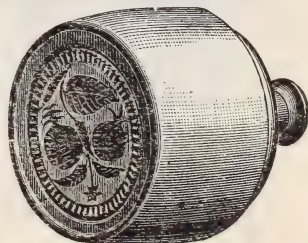
Butter Moulds.

Kimball Square Mould.

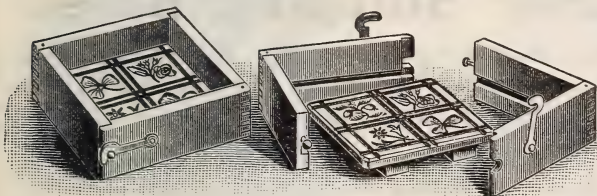
Square, 1 pound, two one-half pound prints.....\$.75
 Square, 1-2 pound, 2 one-fourth lb. prints......65
 Square, 1-2 pound, single print......65

Round Mould.

Round, 1-2 pound.....\$.30
 Round, 1-4 pound......25



BLANCHARD BUTTER MOULDS.



$\frac{1}{2}$ lb., two $\frac{1}{4}$ lb. prints, **35c.**; 1 lb., four $\frac{1}{4}$ prints, **50c.**; 2 lb., eight $\frac{1}{4}$ lb. prints, **75c.**

If engraved with initials, add 25 cents for each letter.

BRUSHES.

We are in a position to furnish the best kind of brushes for dairy use, and recommend especially our line of can and bottle brushes. These are made of genuine bristles. Write for prices.

PURE PARAFFINE, For Creamery and Dairy use.

BUTTER TRYERS, Nickel Plated, **50c.** each.

CHEESE TRYERS, Nickel Plated, **60c.** each; Polished Steel, **25c.** each.

GRAIN AND SEED TRYERS, Nickel Plated, **75c.** each.

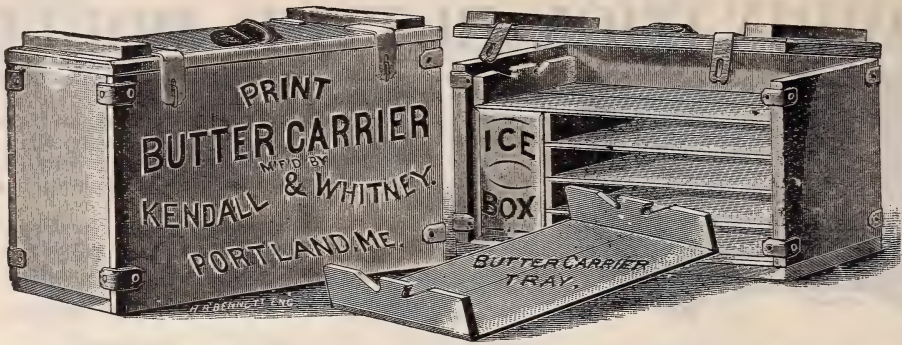
TUB COVER FASTENERS.



"Leader," 85c. per 1,000.

"Universal," 85c. per 1,000.

"Star," per lb., 12c.



BUTTER CARRIERS.

These carriers are made of white spruce and are very strong and durable, with tray so arranged that the butter is not marred in the least in handling. The ice box is made of zinc, and has two compartments, the top for ice and the bottom for the water as the ice melts, so that the ice is melted by air alone, thereby lasting much longer than if the ice rested in the water.

Each carrier is filled with trays, which, when ordering for ice boxes, are 4½ inches shorter than the dimensions given below.

The capacity given is for half-pound prints of the *standard size*. The capacity varies with other styles and sizes of prints.

Without Ice Box.	With Ice Box.	No. Trays.	Size.	Price.
12 lbs.		3	10½ x 7¼ inches, 2 inches deep	\$1.85
24 "	18 lbs.	3	10½ x 14¾ "	2.35
30 "	24 "	3	10½ x 18¼ "	2.60
40 "	34 "	4	10½ x 18¼ "	2.80
50 "	44 "	5	10½ x 18¼ "	3.25

Ice Box, with three extra Trays, 75 cents. No Ice Box or extra Trays sent unless ordered.

Non-Returnable Butter Shipping Boxes.

These boxes are furnished in shook, and are made in the following standard sizes. 25 boxes in a package.		
10 lbs. per one hundred with printed ends,	\$ 8.00	48 lbs. per one hundred with printed ends, \$16.00
20 " " " " "	10.00	50 " " " " " 17.00
32 " " " " "	14.00	60 " " " " " 18.00
40 " " " " "	15.00	

Price not printed, 50 cents per hundred less.

The Cherry Improved Jacketed Cream Can.

This transportation can is one of the best constructed and strongest cream carriers ever offered. 20 gals

Price on Application.

Star Milk Aerators and Coolers.

ALL COPPER, TIN COATED.

Price on Application.

The De Laval Separator.

Wherein the DeLaval Machines

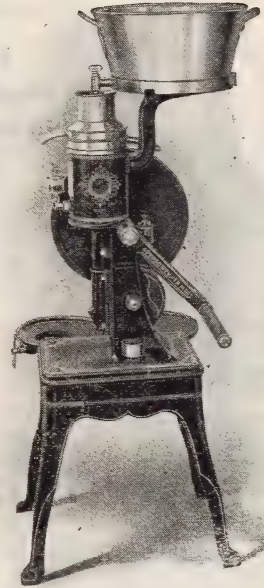
EXCEL

All other Cream Separators.

Their separation is the most thorough.
 Their capacities are much the greatest.
 They require very much less power.
 They separate at a much lower temperature.
 Their cream is the smoothest and most uniform.
 They handle all conditions of milk with equal efficiency.
 They are the most easily and completely cleanable.
 They are the most simple and most durable.
 They make a longer continuous separation.
 They remove tuberculosis and other disease germs.
 They fulfil the representations made for them.
 Their merit is proved, not experimental.
 They do everything that any other machine can do, and enough more to save triple their cost each year of use.



Daisy Separator.



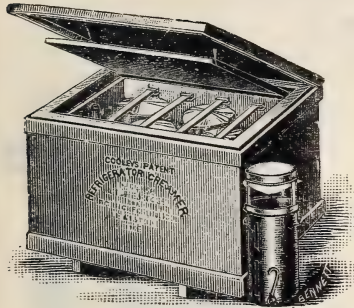
Iron-stool Baby Separator No. 1.

Send for Descriptive Catalogue and Price List.

COOLEY CREAMERS.

"Refrigerator Style."

"Refrigerator" style has *double walls*, with two air spaces and two covers, and not being readily affected by heat or cold will require much less ice in the summer season than a single wall tank, and the water will not freeze in the winter season.



Price of Tanks, less Cans:

	K. & W's Price.
No. 1, for three cans.....	\$11.00
" 2, " four cans.....	14.00
" 3, " six cans.....	16.00
" 4, " eight cans.....	18.00
" 5, " ten cans.....	20.50
" 6, " twelve cans.....	22.00
" 7, " fourteen cans.....	25.50
" 8, " sixteen cans.....	29.00

Price of tank includes strainer frame and thermometer.

Price of Cans, separate from Tanks:

Cooley cans.....	\$2.00
Cooley cans, with lock cover.....	2.25
Cooley cans, with lock cover and bail.....	2.50
Cream storage cans, with Cooley cover.....	1.25

Milk or Cream Bottles.

Did it ever occur to you that you should investigate the source of your milk supply and the process by which it is handled and delivered?

If you will do so, you will refuse to receive milk in any other vessel than **Glass Bottles**, as it is the only way by which you can get milk that has not come in contact with the

numberless street odors, flies, and many other undesirable influences.

The "COMMON SENSE" Bottle, capped by a strong, clean paper cap, is the best, and no taint is possible in milk put up in these bottles.



Common Sense,
paper top.

	Per Dozen.
1-2 Pint, Common Sense,	\$.50
1 Pint, Common Sense,	.60
1 Quart, Common Sense,	.75
2 Quart, Common Sense,	1.25
1-2 Pint, Lightning (Tin Top),	.60
1 Pint, Lightning "	.70
1 Quart, Lightning "	.85
2 Quart, Lightning "	1.35

Gross price quoted on application.



Lightning, with
tin top.

"TESTED" GLASS WARE FOR BABCOCK TEST.

	Each.
Lactometer (Fig. 91), for testing quality of milk,	\$.40
Floating Dairy Thermometer (Fig. 93),	.20
Standard Floating Dairy Thermometer (Fig. 94),	.50
Flange Dairy Thermometer (Fig. 92),	.15
Cream Test Tubes,	.30

If sent by mail, add five cents for postage.

	Each.
Babcock's Test Bottles (for milk), 10 to 25%,	\$.35
Babcock's Test Bottles (for cream), 25 to 50%,	.35
Pipettes,	.25
Acid Measures,	.30
2-oz. Graduates,	.30
4-oz. Graduates,	.40
6-oz. Graduates,	.50
8-oz. Graduates,	.60



91



93



94



92



Cream Bottle.



Milk Bottle. Acid Measure.



Graduate.



Pipette.

MILK CANS.

We can furnish Milk Cans in any desired style, size or quantity.

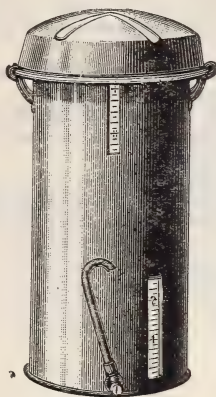
Prices will be Furnished on Application.



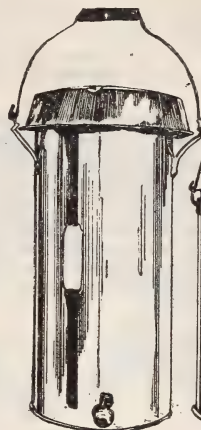
Eclipse Can.



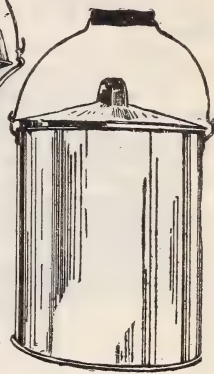
Portland Can.



Cooley Can.



Cooley Can.



Cream Pail.

Creamery Cans.

Eclipse,	Each.	\$1.75
Cooley,		2.00
Cooley, with lock cover,		2.25
Cooley, with lock cover and bail,		2.50
Portland,		1.25
Goss,		1.50
"K. & W." Storage,		1.00
Cooley Storage,		1.25

20 gal. and 40 gal. Shipping Cans.

Prices on application.



Shipping Can.

Cream Pails.

5 Gal.,	\$1.00	10 Gal.,	\$1.25
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THE EUREKA STRAINER PAIL,

With Removable Strainer.

STRAINS RAPIDLY

AND THOROUGHLY.

Sediment does not collect on the strainer, but passes beyond and accumulates in a pocket designed for it, where it is removed with the strainer.

Prices: 12 Qt., \$1.00; 14 Qt., \$1.25.

PLAIN MILK PAILS.

1X 10 Qt.,	\$.25	2X 10 Qt.,	\$.30	3X 10 Qt.,	\$.40
1X 12 "	.30	2X 12 "	.40	3X 12 "	.45
1X 14 "	.35	2X 14 "	.45	3X 14 "	.50

WEIGHING PAIL AND TUBE, \$2.50 EACH.



CHAMPION MILK COOLER AND AERATOR.

A perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

A complete deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gases.

A thorough cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium, either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is automatic, requiring no attention while in operation.

Is low down, combining greatest cooling surface with least height.

It is as simple in construction and easily cleaned as a pail—no joints or seams for the harboring of impurities and no crooked pipes to rust.



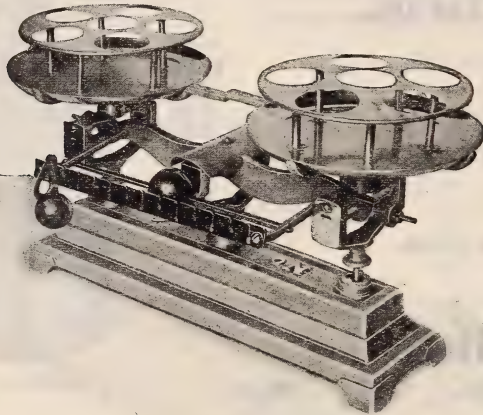
No.	Capacity of Milk Receiver.	Size of Dairy.	Takes Care of	Price.
1.	10 quarts	1 to 10 cows	2 Milkers	\$4.75
2.	18 "	10 to 25 "	3 "	5.00
3.	34 "	25 to 50 "	5 "	5.50
4.	52 "	50 to 100 "	8 "	6.75

Cream Testing Scale.

For use in connection with Babcock Tests.

This scale is especially designed for very accurate weighing of cream. Has a bottle rack on each side, and a balancing beam to take the tare of the bottles. Has rust-proof agate bearings, and is entirely galvanized.

Price, \$12.00.



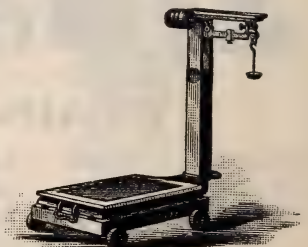
Scale, No. 612.

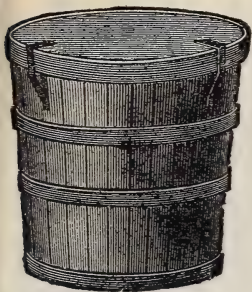
CHATILLON'S IMPROVED Circular Spring Balance Milk Scale.

Full line—all sizes. No. 270, weighing 60 lbs., used by all dairy men. Price \$3.75.

DAIRY SCALES.

Write for Price List.





Butter Tubs.

We are in position to furnish superior spruce butter tubs, in any quantity desired.

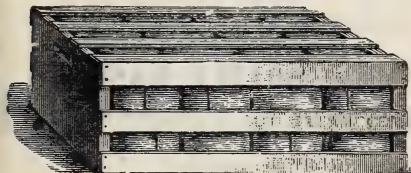
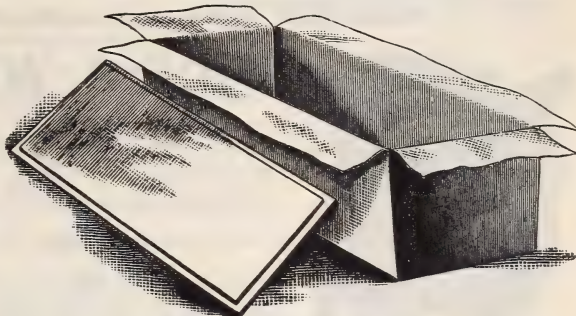
Tubs are kept in stock in 10, 20, 30 and 50 lb. sizes, and shipments can be promptly made.

Special prices for large quantities. Write for quotations.

Dumas Improved Butter Box,

With Parchment Lining.

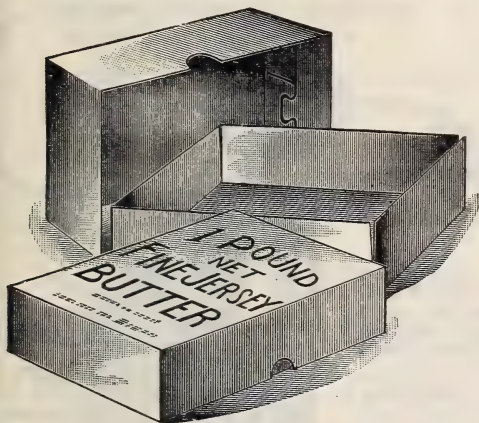
The box holds five pounds of packed butter, is nearly brick shaped, flaring so the butter will turn out, and is in the best possible shape to cut up for the table in square-like prints, and free from waste. Write for prices.



BLANCHARD BUTTER BOXES.

This is a round, firm, clean and cheap package in which to send butter to market. The wood from which it is made is thoroughly steamed before working, which makes it as nearly odorless and tasteless as possible.

Write for Prices.



ONE-POUND Folding Paper Butter Boxes.

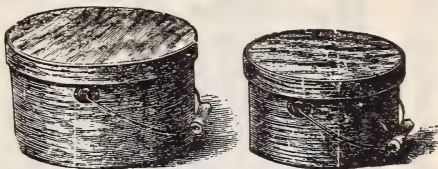
ODORLESS AND TASTELESS

PLAIN OR PRINTED.

Send for Price List.

Oak Bail Boxes

	Price Each.
Large,	30c.
Small,	25c.
Per pair,	50c.

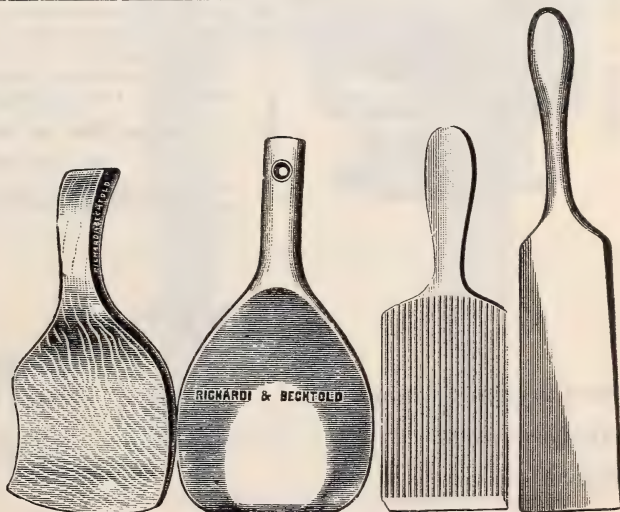


Butter Ladles, 15c

Plain Butter Spades, 10c

Creased " " 10c

" (White Holly) " 15c



Small's Calf Feeder.

This is a device by which the calf may be fed away from its dam, and with any mixture of milk, skim milk, warm water, porridge (or whatever else is healthful and desirable), with convenience and in the natural way with that admixture of saliva which does not occur when calves drink from a pail.

Price, \$2.00. Extra nipples, 25c. each.



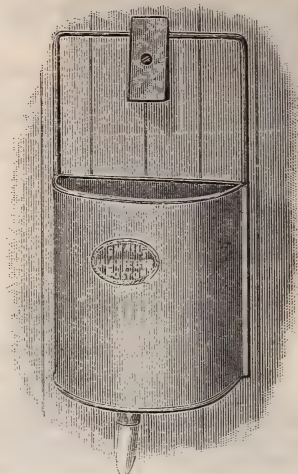
RICE'S WEANER.

For preventing calves and cows sucking themselves or each other.

No. 1, for calves, 30c.; by mail, 35c.

" 2, for heifers, 50c.; by mail, 55c.

" 3, for cows, 75c.; by mail, 85c.



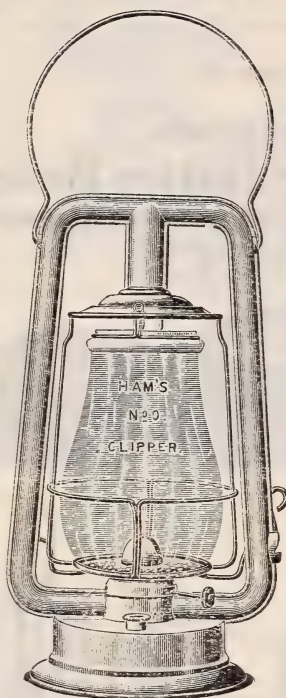
WIRE MILK BOTTLE BASKETS.

2 quarts, round wire,	each, 50 cents
4 " " "	" 60 "
6 " " "	" 65 "
8 " " "	" 75 "
6 " flat wire,	" \$1.00
8 " " "	" \$1.25



Burner Cone Securely Locked. Always Works Easily.

Ham's Side Spring Safety Lantern.



HAM'S TUBULAR

"Search Light" Lanterns.

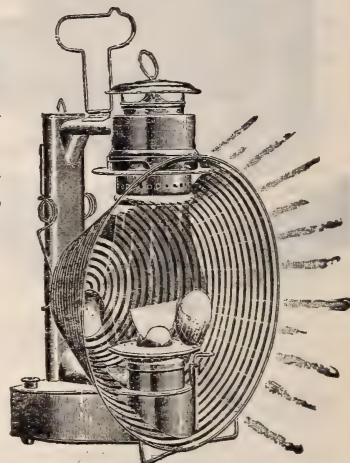
No. 2 Burner, one inch Wick, finished in Blue Japan.

Just the lamp you want where a strong light is required and to be spread over a large space, as in creameries, stables, saw and planing mills, warehouses, packing houses, workshops, picnic grounds, lawns, summer resorts, etc. The lamp throws a brilliant and steady light, and will burn as well out of doors as inside, without smoking or flickering, and is not affected by the wind or strong drafts.

Price, No. 20, \$1.75 each.

" No. 40, \$4.00 each.

We have in stock a full line of all the leading lanterns. Prices furnished on application.



"SEARCH LIGHT" LANTERN.

SIEVES.

Wire Sieves, 12 inches,

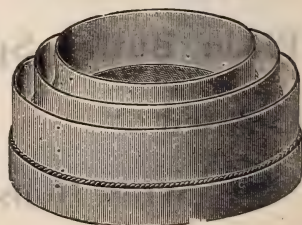
Wire Sieves, 13 "

Wire Sieves, 14 "

Price, each, 15 cents.

" " 20 "

" " 25 "



KOW-KURE.

A MEDICINE FOR COWS ONLY.



It acts upon the digestive, generating, and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the root of trouble, and cures cow diseases by removing the CAUSE.

It prevents Abortion, cures Barrenness, removes Retained After birth, prevents Tuberculosis, stops the Scours, cures Milk Fever, Caked Udder, Swelling in the Bag, increases the flow of milk, cures cows "off their feed," improves the quality of milk and **MAKES COWS PAY.** **Price, 50c. and \$1.00 per Can.**

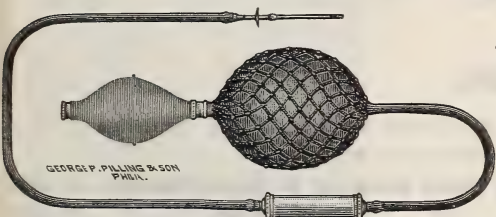
GRANGE GARGET CURE.

Positively cures Garget without in any way injuring the cow or lessening the flow of milk. **Price, 50c. per Can.**

COW'S RELIEF.

A standard remedy among dairy men. A sure relief for Caked Udder, and will keep bag and teats free from soreness. **Price, 50c. and \$1.00 per can.**

THE PILLING MILK FEVER OUTFIT FOR STERILIZED AIR TREATMENT.



This Treatment has cured 97 per cent. of all Cases Treated.

Recommended by the Bureau of Animal Industry,
United States Government Department of Agriculture.

The outfit consists of the instrument, a roll of tape,
and a package of carbolized cotton and full directions.

Price, \$3.00.

BARNARD'S ADJUSTABLE STEEL HEAD CATTLE STANCHION.

The Best Cattle Fastener Ever Invented.

All Sizes in One.

Practically Indestructible.

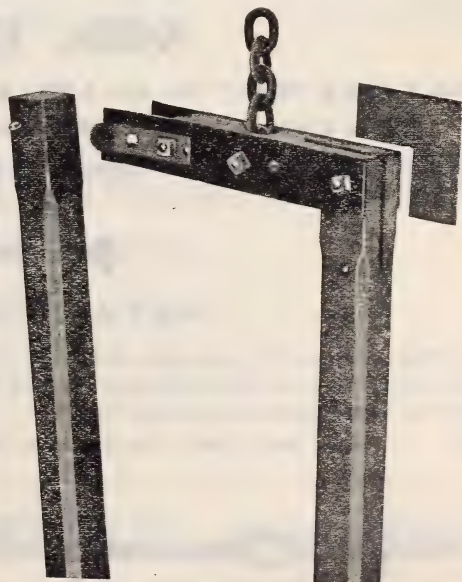
No Getting Loose in Joints.

By simply loosening three nuts, it can be set to any size
from 5 to 7 inches. Can be fitted to the animal while confined
in it.

BARNARD'S COMBINATION HEAD RIGID STANCHION.

The Best Rigid Stanchion Ever Put on the Market.

Write for Catalogue and Price List.



BARNARD'S ADJUSTABLE STANCHION.

ACID.**FOR BABCOCK TEST. Pure, clear, free from specks.**

We guarantee this acid to be of proper strength for making tests.

*Four cents per pound. Carboys furnished at reduced rates.***Farrington's Alkaline Tablets.****For Testing the Acidity of Milk or Cream.**

These tablets have been used successfully as a means by which creamery and dairymen are constantly learning more about their business, and they are a great aid in securing **top** instead of fair or medium prices for all kinds of dairy products.

100 tablets (postage paid).....	\$.50
1,000 tablets " "	2.00
100 c. c. cylinder.....	.95
17.6 c. c. pipette.....	.20

Complete outfit, consisting of 1,000 tablets, 100 c. c. cylinder and 17.6 c. c. pipette, by express	\$2.75
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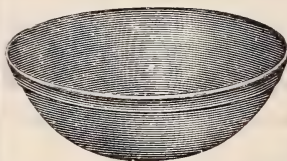
Ox Muzzles.

Small, Per Pair 30c.

Large, " " 35c.

Cow Bells.

No. 1,	40c.
No. 2,	35c.
No. 3,	30c.
No. 4,	25c.

Wood Bowls.

11 in.	10c.	12 in.	15c.
13 "	15c.	14 "	25c.
15 "	25c.	16 "	30c.
17 "	40c.	18 "	45c.
19 "	60c.	20 "	65c.
21 "	75c.	22 "	85c.

Wood Trays.

No. 0,	35c.
No. 1,	40c.
No. 2,	60c.
No. 3,	75c.
No. 4,	\$1.00

Milk or Cream Bottle Cases.

The case is designed to put the bottle in when filled with milk for delivery. The rack inside is removable for the purpose of cleaning.

Quart Case, holding 12 Quart Bottles, 40 cts.
Pint " " 12 Pint " 35 cts.

Milk Bottle Caps.

Nos. 1 and 2, "Star," 30c. per 1,000; in Cases of 5,000, \$1.25 per Case.

Nos. 1 and 2, "Boston," 25c. per 1,000; in Cases of 5,000, \$1.10 per Case.

Nos. 1 and 2, "Health," 40c. per 1,000; in Cases of 5,000, \$1.75 per Case.

**"STAR" MILKING TUBES.**

For drawing milk from cows with sore or obstructed teats. Made from white metal and heavily plated with pure silver, and warranted equal to solid silver ones in every respect, at about one-fourth the cost. Sent by mail to any address on receipt of price.

Prices: No. 1, 25c.; No. 2, longer, 30c.; No. 3, longest, 35c.; full set, of each size, 75c.



2 1-4 inch, self-retaining. Exact size.

The "Boston" Aseptic Milking Tube.

Manufactured from silver plated white metal in 1 1/4, 2 1/4, 3 1/4, 3 3/4 inch lengths, as desired. **Price, 25c.**

CHR. HANSEN'S DANISH BUTTER COLOR.

The most Uniform, the Purest and the Most Natural Shade.

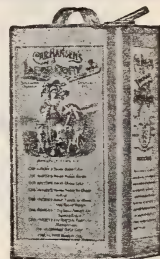
Made with the finest imported vegetable oil.

To butter makers desiring a pure, vegetable butter color, we do not hesitate to recommend Hansen's Danish as unquestionably the best in every respect.

Its high quality has never been approached by any competing preparation, and many shippers of the finest butter demand the exclusive use by their butter makers.

Price List.

Small size,	which will color about 500 lbs.....	\$.25
Medium size,	" " 1250 lbs.....	.50
Large size,	" " 2800 lbs.....	1.00
Cans,	1 gallon each,	2.35



WELLS, RICHARDSON & CO.'S Dandelion Brand Butter Color.

PURELY VEGETABLE.

Will not become rancid.

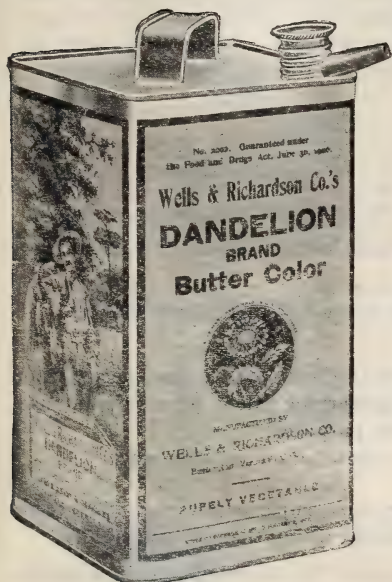
Will not color the buttermilk.

Gives a bright June color.

Always gives satisfaction.

Price List.

Small size,	4 ozs., to color about 500 lbs.....	\$.25
Medium size,	10 " " 1250 " .....	.50
Large size,	24 " " 2800 "	1.00
Cans,	1 gallon each,	2.25



CHR. HANSEN'S DANISH DRY LACTIC FERMENT.

FOR RIPENING CREAM AND MILK.

PRICE LIST.

LARGE PACKAGE. —Single package, by mail	\$2.25
Three packages, by express, prepaid.....	6.00
SMALL PACKAGE. —Single package, by mail	1.00
Three packages, by mail	2.25

HANSEN'S DANISH RENNET EXTRACT AND RENNET TABLETS. For Cheese Making.

Always of the same strength, entirely preservable, separates the cheese matter completely, and gives the greatest quantity possible. **Price, can of 200 tablets, \$2.00.**

ICE TOOLS.



Bar Chisel. Price, \$3.50.

Used for trimming off any unevenness of the blocks when stowing ice in the house, and for spacing and straightening the seams.



Breaking Bar. Price, \$3.50.

The pad end is blunt, having no sharp edge, and is used for "breaking off" in a groove. The chisel end is convenient in case a sharp edge is required, and for splitting off single cakes.



Splitting Fork. Price, \$4.00 to \$4.50.

These forks are made with long steel tines, tapered so as to give great wedging power in the plow-grooves without "shelling" the ice. Their weight makes them particularly useful in breaking off floats or large sheets from the ice field, and they cannot be excelled for splitting the floats into strips when the grooving is insufficiently deep or partially frozen.



Splitting Chisel. Price, \$2.25 and \$2.50.

These chisels are used to split off single cakes, either in the canal or on the platform, and they are handy for general use, being light in weight and having a blade of uniform taper on both sides.



**Ring Handle Splitting Chisel.
Price, \$2.50 and \$2.75.**



Ice Shaver. Price, \$2.00 to \$2.75.

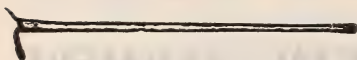
Shavers are used to shave ice into fine pieces, when delivered by the basket, for saloon or restaurant use, and for various other purposes.

Shaver teeth are beveled on one side only.



Ice Saw.

Our ice saws are made in the most superior manner. The teeth are extra long, and have a large bevel, causing them to cut rapidly.



Ice Hook.

Our ice hooks are manufactured of the best stock, and are heavily steeled, making them very stiff and strong, without being heavy and unhandy.

The puller or the pusher can be bent cold to any angle desired by properly placing the part between the jaws of a vice, if our standard needs to be varied for individual use.



Line Marker. Price, 90c.

The line marker is a simple affair, by which a scratch on the ice one half inch deep can be made, using a straight board as a guide. The marker teeth are run in this shallow mark, thus making the first groove in marking out the field of ice.



Tongs.

These tongs are the *very best models* which experience can produce, and their quality cannot be excelled. All our tong points, which are of fine steel, are carefully tempered to hold sharp edges and to do long service.

The span of tongs is indicated in inches when they are open as wide as possible.

Write for Illustrated Catalogue of all Ice Tools.

Pray's Patent Ice Plow.

This plow is especially designed to meet the demand for a cheap and efficient ice cutter for farmers and dairymen. It will cut from 20 to 40 tons an hour, cutting the ice blocks of uniform size, which saves much labor when packing.

The Superiority of Pray's Ice Plow.

1st. The extra weight of the rider holds the plow to its work and allows the horse to be hitched much closer to the plow—an advantage where the pond is small and all the ice needed from the edge of the pond.

2nd. It is the only plow that can be successfully used by one person. The draft back of runners omits the necessity of leader or rider.

3d. It is the only plow that has an adjustable tooth.

4th. It is the only plow that works with runners.

5th. It turns easier at the end of the row than any other plow.

6th. It cuts ice with more economy on a small pond than any other plow.

Upon a shallow pond where a saw cannot be used this plow is indispensable. A horse and one man can cut as much ice as ten men with saws.



WARRANTED TO WORK AS REPRESENTED.

Price, Four-Tooth Plow, \$12.00; Six-Tooth Plow, \$16.00; Eight-Tooth Plow, \$17.00;

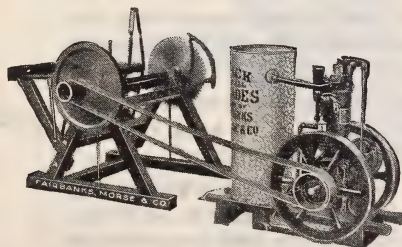
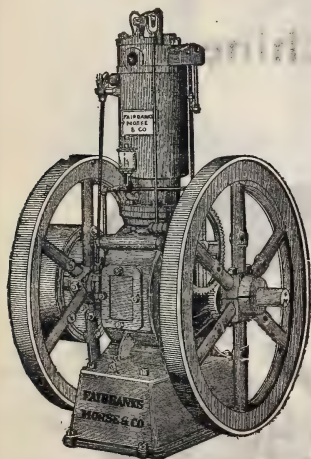
Ten-Tooth Plow, \$18.00.

Write for Price List of Ice Tools.

FAIRBANKS-MORSE ENGINES.

The Most Satisfactory Power is obtained by using
The Genuine

"Fairbanks-Morse" Gasoline Engines.

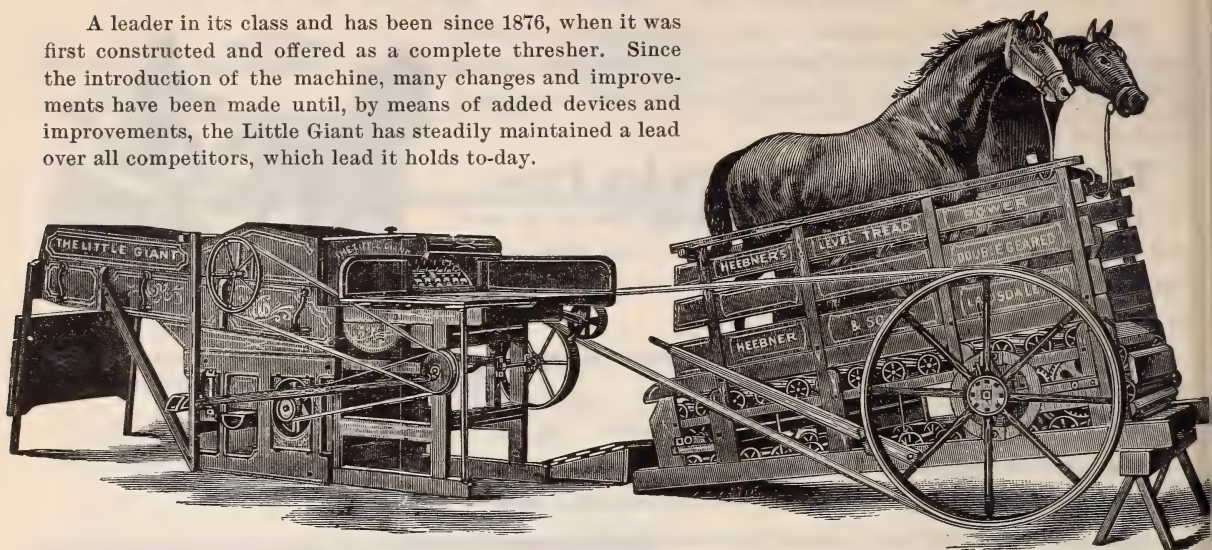


**THE "FAIRBANKS-MORSE" GASOLINE ENGINES ARE GUARANTEED TO DEVELOP MORE
THAN THEIR RATED HORSE POWER.**

Send for Circular and Price List.

Heebner's Little Giant Thresher.

A leader in its class and has been since 1876, when it was first constructed and offered as a complete thresher. Since the introduction of the machine, many changes and improvements have been made until, by means of added devices and improvements, the Little Giant has steadily maintained a lead over all competitors, which lead it holds to-day.



Heebner's Level-Tread Horse Powers.

Double and Direct Geared Machines.

The doubled gear is a finely-constructed and very powerful machine, containing many points of excellence, and probably the best *double-gear* power ever produced; easy on the team, durable, and perfectly satisfactory.

To those who desire a power for general purposes, at less cost, we recommend the *direct gear*. It is not so heavy as the double-gear power, is cheaper, and is more easily handled. It is simple in construction, and so made that it will run finely for years.

Heebner's "Daisy" Saw Machine.

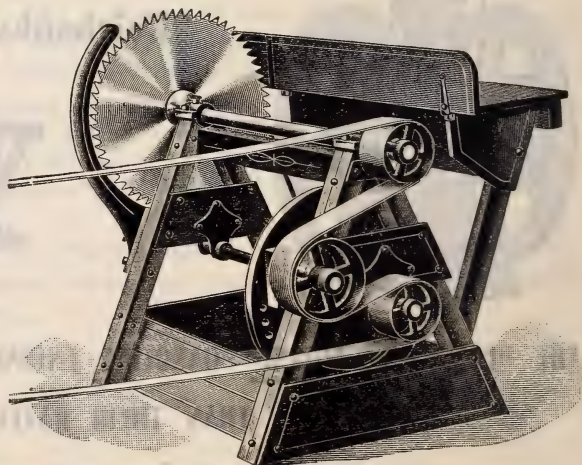
FOR POLE SAWING.

The "Daisy" is a strong and durable machine, and is sold at a very low price. It is made of the very best materials, and so constructed that the machine can be operated with the least possible expenditure of power.

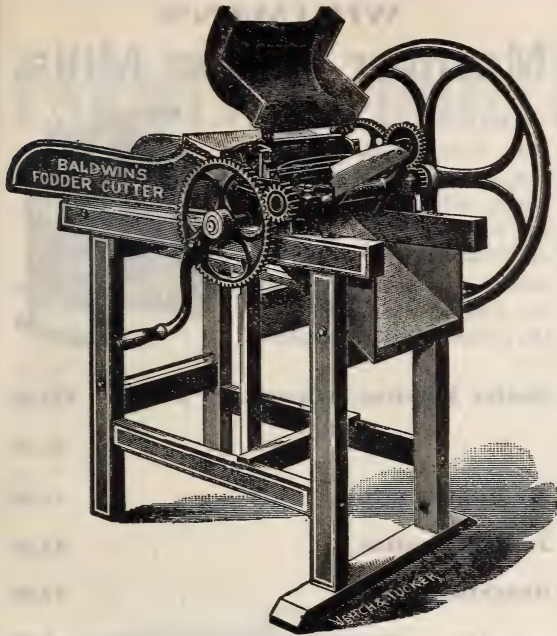
It runs so easily that a one-horse level tread power will drive it fast enough to keep two men busy while the machine is in operation.

The table has a swinging motion, which is easy and accurate, and when the saw blade is not in use, and the operator stops work, the table keeps the saw from exposure.

Either 20, 22 or 24-inch saw blade may be used. Larger saw blades may be used if it is stated in the order what size is desired, so that the shield in rear may be made to accommodate the larger saw.



Write for Descriptive Catalogue and Price Lists of all the Heebner Machines.



BALDWIN'S Ensilage and Fodder CUTTERS.

MADE IN 12 SIZES.

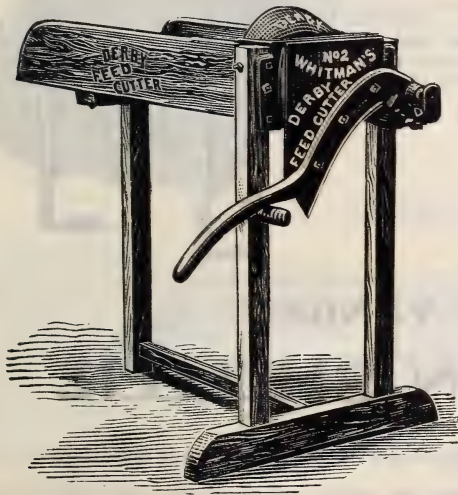
Everywhere recognized as a standard machine and sold by the leading trade throughout the country.

The only really successful machine made for light power, and one which is easy to feed, easy to keep in order, and is very durable.

Cuts with great rapidity hay, straw, corn stalks, ensilage, etc. Guaranteed to give satisfaction.

Send for Circular and Price List.

Derby Feed Cutters.

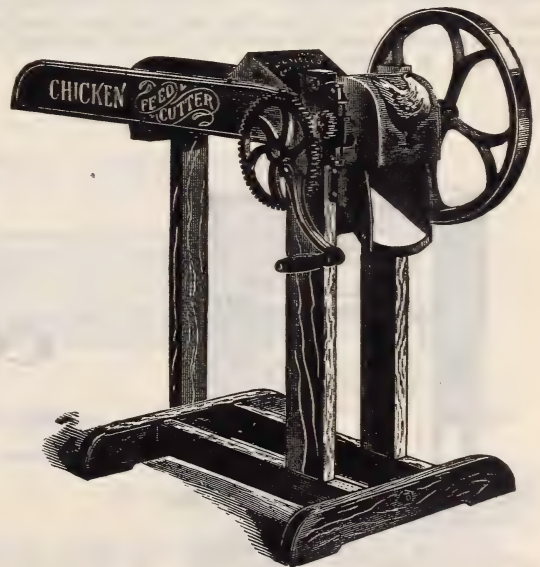


This iron handle lever cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust, grind and keep in repair.

Price, from \$3.50 to \$6.00.

Chicken Feed Cutter.

Invaluable to Poultry Raisers.

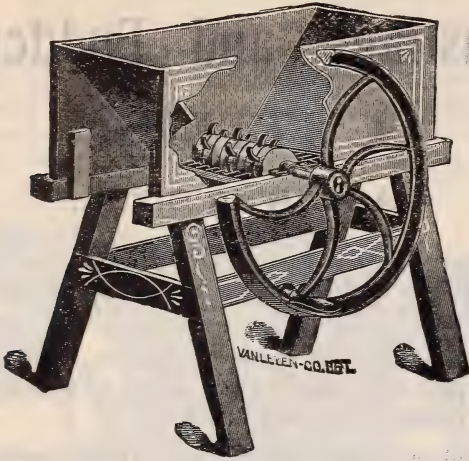


This is a highly efficient machine for cutting clover, hay or other feed into extremely short lengths. It is made with three knives $6\frac{1}{4}$ inches long, and a self-feeding comb roller, which straightens the feed as it is presented to the knives, making a more uniform length of cut. It cuts very rapidly, being one of the fastest machines of its size now upon the market.

Cuts 1-4, 7-16, and 3-4 inches.

Price, \$15.00.

Champion Root Cutter.



This well-known root or vegetable cutter has been on the market for many years, and is too well known to need further description. It is well made of good material.

Price, \$6.25.

WHITMAN'S Monitor Cider Mills.

Several improvements have been added, such as new hopper, the rolls made longer and larger in diameter, new adjustable crusher or breaker roll, which increases the capacity, grinds the fruit coarse or fine, as the grinders are adjustable.

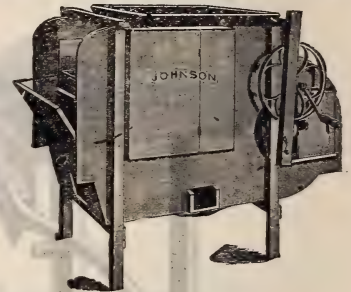


Senior Monitor, 2 Crank,	\$22.50
“ “ 1 “	21.00
Medium Monitor,	16.50
Junior Monitor,	13.25
Hutchinson No. 1,	10.00
“ No. 0,	9.00

Johnson Fan Mill.

The fan mill is indispensable to a well-regulated grain barn. This mill runs the sound, clean grain to one side of the mill, while the sand and small seeds pass out at the other, and the heavy chaff and heads are caught in a receptacle behind the machine. It will not only clean grain, but also grass seed in the best manner.

Price, \$16.00.



YANKEE

CORN SHELLER.

A finely constructed and serviceable machine, at a moderate price, and one which runs easily and works well on all sizes and kinds of corn.

Price, each, \$6.50 plain.

“ “ 7.50 with separator.



Clough's Adjustable Sieve.

In offering this adjustable sieve to farmers and others, we know that they will find it useful and valuable for separating foul seeds from grain, and sifting out the small grain, thereby getting the most vigorous kernels for seed; also for cleaning and sorting beans, peas, etc.

Price, \$1.75.



Standard Cyphers Incubators.

The World's Standard Hatchers.

**Cyphers Non-Moisture Incubators are Giving Satisfaction on
More Large Stock and Poultry Farms than all Other
Makes of Incubators Combined.**



Cyphers Standard Incubator.

In designing the Standard Cyphers every factor known to successful artificial incubation has been taken advantage of to secure as many chicks as it is possible to coax from the shell, fully appreciating the fact that, as compared with results obtainable by the use of other incubators, the last five, ten or fifteen per cent. of chicks that are hatched in our incubators is clear profit. Hatching with an incubator is, however, no longer merely a question of "how many" chicks, but also of "how good." The Standard Cyphers, by conserving the contents of the egg, is certain to hatch a chick or a duckling from practically every well-fertilized egg, and these chicks or ducklings will come out of the shells large, strong and vigorous. They are the kind

that live, thrive and grow rapidly to a profitable maturity.

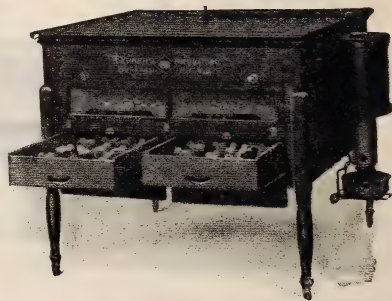
The improved regulator used in the latest pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability.

All sizes of the latest pattern Standard Cyphers Incubator are equipped with a "drop-bottom." Experienced operators were quick to pronounce this drop-bottom method of supplying ventilation something new and valuable in incubator construction. It enables the operator to meet all weather conditions.

The No. 2 and No. 3 latest pattern Standard Cyphers Incubators are furnished with nursery drawers, occupying the space underneath the egg trays. By the use of these drawers the chicks and ducklings can be removed from our large size incubators as often as may be deemed advisable, without interfering with the remainder of the hatch.

Cyphers Company Incubators are the only machines manufactured that lawfully can be equipped with their patented removable diaphragms, by use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges, or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate and so certain in results that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial, because the machine itself solves the "moisture problem" for them; in other words, these incubators are practical automatic hatchers, leaving nothing to chance or inexperience.

"The Standard" is sold at a low price, and the purchaser gets full value and gets what he wants—a trustworthy incubator, and one that will last.



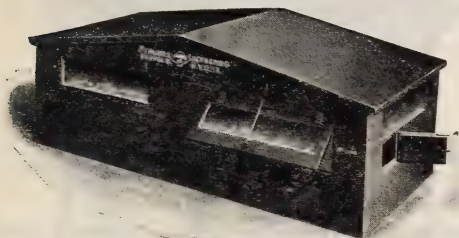
Cyphers Standard Incubator.

Price, No. 0 (65 Egg) Incubator,	\$14.00
" " 1 (120 ") "	21.00
" " 2 (240 ") "	30.00
" " 3 (390 ") "	36.00
" Boys' Choice (55 Egg) Incubator,	7.50
" Farm Economy (110 ") "	12.00

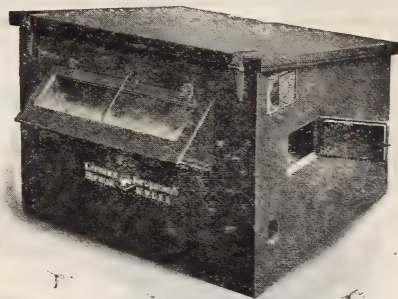
Write for Catalogue and Price List of all Cyphers Goods.

Cyphers Unequaled Apartment Brooders.

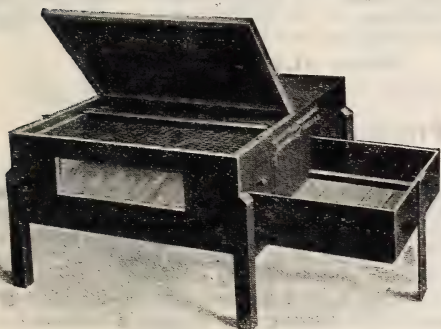
Cyphers Brooders are fit companions for the genuine Cyphers Incubators, and, like them, are correct in principle and are well and durably made of the best materials.



Cyphers Style "A" Brooder.



Cyphers Storm King Brooder.



Cyphers Hygienic Brooder.

No other company puts into its brooders the same thickness and quality of lumber, and the same weight and quality of hardware. They furnish a safe home for the chicks both day and night. The proper test of a brooder is the actual work it does in the hands of the average operator. The superior merit of Cyphers Brooders has been fully demonstrated by the tens of thousands in successful use. Their *simplicity, certainty in operation, economy of fuel and convenience in use*, have won for them the first place everywhere.

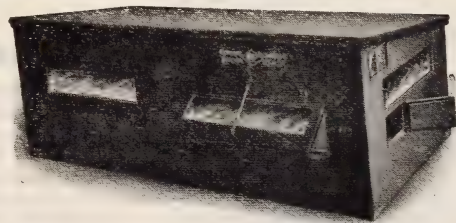
All styles of the Cyphers Brooders are of the same high quality, without exception. They differ in shape and in price only. For less money the customer simply gets less

brooder, i. e., less floor space—not poorer quality, either in materials or workmanship.

Each of the four styles of Cyphers Brooders is equipped with our latest improved insulated brooder stove; best grade, sun-hinge burner; our time-tested, double-dome heating system; trade-marked thermometer; sun-proof, water-tight roof, and patented eccentric fasteners for locking corners.

All Cyphers Company Brooders are built so that they can be shipped knock-down, compactly crated, thus insuring much lower freight rates to all points. In setting up these brooders *no tools are required, nor is there a nail to be driven or a screw to be put in place*. With every brooder is furnished an illustrated circular of directions for setting it up.

Don't risk losses of well-hatched chicks in an inferior, wrongly-constructed brooder when you can obtain a certainty of safety in the Cyphers Brooders. Having hatched your chicks, DON'T COURT FAILURE by putting them in an unsatisfactory brooder. Use only the "Cyphers."



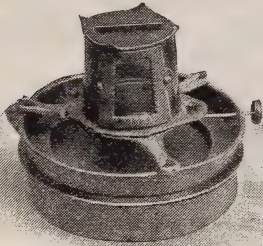
Cyphers Colony (self-regulating) Brooder.

Price, Style "A" Brooder,	\$15.00
" Storm King "	10.00
" Hygienic "	9.00
" Colony (self-regulating) Brooder,	18.00

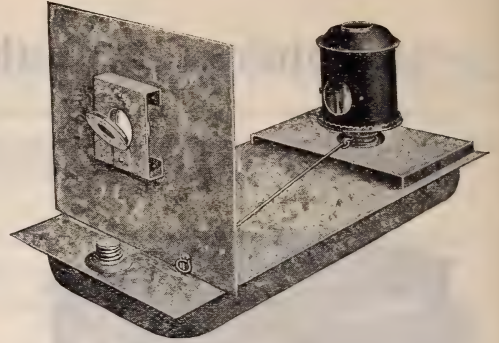
Write for Catalogue and Price List of all Cyphers Goods.

Cyphers Improved Insulated Brooder Stove.

This stove combines a heater proper, a burner equipped with our new-style metallic chimney, which protects the flame at all heights from drafts and prevents smoking, an insulating plate that serves also as a stove slide, and an upright plate of galvanized iron that forms the door to the brooder through which the stove is operated. By use of the small, round, metal-incased mirror, just outside of and opposite the small mica window, the height of the flame can be observed by the operator when standing in an upright position.



Cyphers Safety Brooder Stove.



Cyphers Improved Insulated Brooder Stove.
Price, \$1.50.

Cyphers Safety Brooder Stove.

The safety water pan on the Cyphers Safety Brooder Stove holds nearly a quart of water, and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water one inch to one and one-half inches in thickness between the oil bowl and the flame jets. By this arrangement all danger from the generation of explosive gases, arising from the top of the lamp or the burner becoming heated, is removed, making a brooder stove that can be relied on.

Price, \$1.35.



Cyphers Practical Egg Tester.

Cyphers Practical Egg Tester.

This tester is 18 inches high, 10 inches wide and 10 inches deep. The top is of galvanized iron, and is equipped with an extra strong reflector. The lamp is made of the best block tin, the seams being machine turned, and soldered and tested for leaks. The burner is of the latest pattern and construction. No chimney is furnished, because of the liability of breakage in shipping. An ordinary glass chimney will fit the burner and is exactly adapted to the purpose. The strong light penetrates the shell and brings to view the development of the contents of the egg, making it possible to discover the degree of fertility or the growth of the embryo.

Price, complete (including box, lamp and reflector), \$1.25.

Cyphers X-Ray Egg Tester.

The Cyphers X-Ray Egg Tester is made of block tin and consists of a central cylinder or lamp flue $5\frac{1}{4}$ inches high, with an outside diameter of $2\frac{3}{8}$ inches at the base, and $2\frac{3}{8}$ inches at the top. It is designed for use on an ordinary hand lamp, and fits over any style of burner with a diameter approximating that of the tester.

In a dark room the light will be found strong enough to penetrate the shell and illuminate interior of the egg.

Price, 25c.



Cyphers X-Ray Egg Tester.

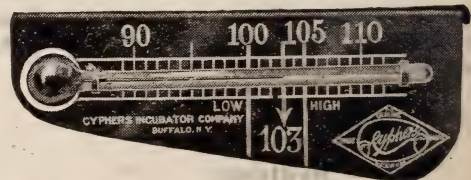


Cyphers
Brooder Thermometer.
Price, 50c.

High-Grade Tested Thermometers.

The price of incubator thermometers does not include the wire hanger. Wire hangers will be supplied at ten cents extra for each thermometer. In ordering wire hangers, be sure to state size of your incubator and year manufactured. If machine has no packer's slip bearing date of manufacture, send description of machine. This is important.

When ordering brooder thermometers name the style of brooder in which it is intended to be used.



Cyphers Incubator Thermometer.
Price, 60c.

MANN'S BONE CUTTERS.

The Standard of Excellence.

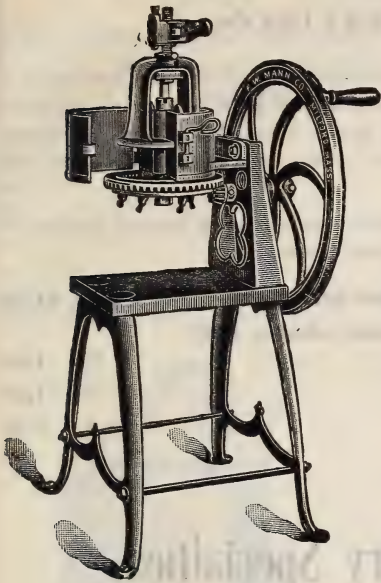
A Standard which has only been Obtained
by Years of Experience.

PRICE LIST.

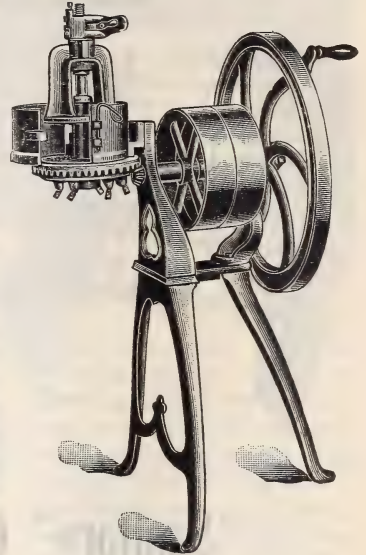
NO DISCOUNT FROM THESE PRICES.

No. 5C (with Crank Handle),	\$6.00
No. 5B (with Balance Wheel),	8.00
No. 5BM (with Bal. Wheel & Iron Stand),	10.40
No. 7 (with Balance Wheel),	12.00
No. 7 1-2 (Semi-power Machine),	16.00
No. 9 (Standard Bone Cutter),	18.40
No. 11 (Comb'n Power Cutter),	26.00
No. 12 (Small Power Cutter),	30.00
No. 15 (Large Power Cutter),	60.00
No. 14 (Large Power Cutter),	76.00

Send for Illustrated Catalogue.



No. 9.

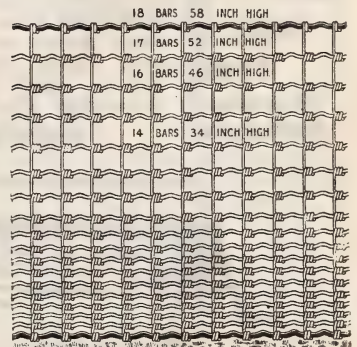


No. 7 1-2.

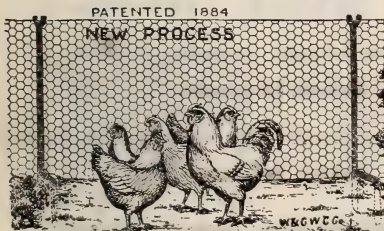
New American Poultry Fence.

The New American Poultry Fence, with its close mesh, fills a want long felt by all dealers, and is proving absolutely satisfactory in fencing against poultry, large and small.

At the bottom are four spaces of $1\frac{1}{2}$ inches each, the next four spaces above are 2 inches each, the higher spaces graduated to 6 inches.



Galvanized Poultry Netting.



HARD STEEL WIRE
POULTRY NETTING.

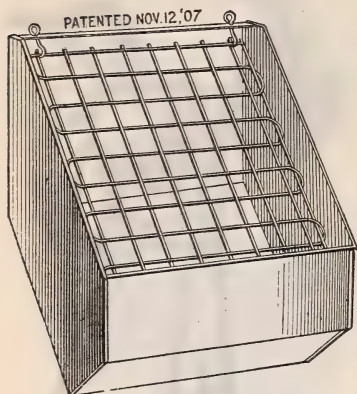
Made from selected steel wire, galvanized before and after weaving.

Uniform in mesh, and of a superior, smooth finish.

Write for quotations on Poultry Fence and Netting.

"The Boston" Dry Feed Hoppers.

MADE OF HEAVY GALVANIZED IRON.



These hoppers are of various designs, but all of them consist of a receptacle for food, the hopper, in which the grain is placed and from which it feeds into a trough at its base. From this trough the fowls eat, a new supply going down from above as rapidly as that in the trough is eaten.

One of the most important recommendations of hopper feeding is that it prevents overfeeding and underfeeding.

Large Hopper, for dry feed for hens,	Price, \$1.25
Small Hopper, for meat scraps, shells, grit or charcoal,	" 1.15
Chicken Hopper, small,	" 1.25
" " large,	" 2.25

"Sanitary" Galvanized Iron Poultry Specialties.



"SANITARY" Self-Feeding Box,

Called Grit Box for Short.

Three spaces. Made of heavy galvanized iron. Will last a lifetime. Saves waste. Hangs on a nail. Holds four quarts. Soon pays for itself. Neat, cheap and convenient.

Price, 50 cents.



"Sanitary" Self-Feeding Box.

Two spaces. Made of heavy galvanized iron. Will effect a great saving in feeding grain and scraps. Practically every particle is consumed. Capacity, eight quarts.

Price, 75c.



The pan is 6 inches wide, 18 inches long, and about 3 inches deep, made in one piece from galvanized iron.

Will not rust, and is water tight.
The food saved soon pays the cost.

Price, \$1.00.



Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Holds three quarts.

Price, 35 cents.

No. 1, 6x7x1¼ inches deep; capacity, 1 quart.

Price, 15 cents.

No. 2, 7¼x8½x1½ inches deep; capacity, 1½ quarts.

Price, 20 cents.

No. 3, 18x6x2¾ inches deep; capacity, 5 quarts.

Price, 35 cents.

"K & W." EGG CASES.

The most popular Egg Cases in the market and used largely by shippers of eggs.

PRICES COMPLETE.

8 dozen.....	\$.75
15 ".....	.95
30 ".....	1.15
49 ".....	1.35
56 ".....	1.50

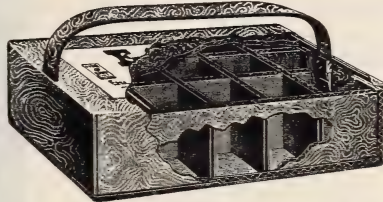


Reliable Egg Carrier.



Has a patent fastening on the cover. Each carrier, with a capacity of 12 dozen, complete with fillers, 65 cents.

Eyrie Shipping Egg Box.



Eyrie Shipping Egg Box.

Unquestionably the best box on the market for shipping safely fancy eggs by express. Made of heavy corrugated cardboard. They are very strong, compact, light and convenient. The handle, when put in place, locks the box and it cannot be tampered with in transit. The handle prevents the putting of anything on top of the box and thus prevents rough usage. 1 sitting, 15 cts. each, \$1.50 per doz. ; 2 sittings, 20 cts. each, \$2.00 per doz. ; 1 sitting, each, by mail, 20 cts.

WIRE HEN'S NEST.

Strongly made of heavy japanned wire, and are very durable. Fasten to the wall with two heavy screws. Easily kept clean. No harbor for vermin.

Price, 20c. each ; \$1.50 per dozen.



THE GARDNER EGG CARRIER.

Holds the eggs in any position; overturning the carrier will not spill the eggs. Any number of carriers may be piled on top of each other without breakage. **Price, 12-Egg Carriers, \$1.20 per dozen.**

Star Egg Carriers and Trays.

The excellence and economy of Star Egg Carriers appeals to all who deliver eggs. Quickly filled and quickly emptied.

Carriers are made of strong wood, and can be piled deep in the delivery wagon.

Price, No. 1 (1 doz. eggs),

\$2.25 per dozen

" No. 2 (2 " "),

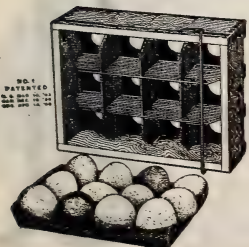
\$3.50 " "

Price, No. 1 trays,

\$3.00 per M

" No. 2 "

\$4.50 per M



POULTRY DRINKING FOUNTAINS.



THE "SANITARY" FOUNTAIN.

Made of heavy galvanized iron, perfect in workmanship; most convenient fountain on the market.

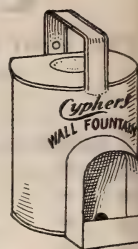
A one-gallon fountain will supply twenty fowls.

Price, 1 gallon, 50 cts.; 2 gallons, 85 cts.

CYPHERS WALL FOUNTAIN.

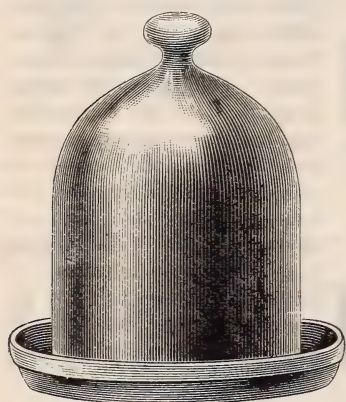
Made of heavy galvanized iron. Convenient to fill and empty. Keeps water cool and pure. Will not be injured by freezing. Can hang up on the side of the wall or partition.

Price—1 gallon, 50 cts.
2 gallons, 75 cts.



NESCO FOUNTAINS.

1-2 gallon galvanized iron.....30c.
1 " " "35c.



STONE FOUNTAINS.

1-4 gallon,
15 cts.
1-2 gallon,
20 cts.
1 gallon,
25 cts.

THE HENFRIEND FOUNTAIN.



Made of heavy galvanized iron. Will not injure by freezing.

—PRICE—

1-2 gallon.....40c.
1 "60c.



THE "TRIUMPH" CAPONIZING SET.

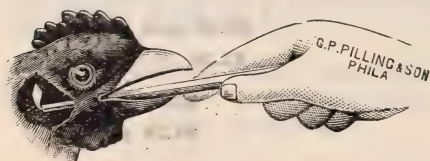
There is no doubt as to the advantages of caponizing. The operation is very simple, and with a "Triumph" Caponizing Set it can be performed with safety and thoroughness. Capons sell on the market as a rule from five to eight cents per pound higher than any other chickens. The demand for capons is always good, is steadily growing, and at this time a better market is assured the producer in this field than any other. Now is the time to get into the caponizing business, and the first thing to start right is to buy a "Triumph" Caponizing Set. No more efficient, simple or more easily operated set is being offered the craft to-day than the "Triumph," and you will make no mistake by selecting this set.

Price per set, in japanned wood box, \$2.50.

Clipper Poultry Marker.

Do you keep a record of chickens? The different breeds, hatches, etc., should be kept. There is no better or quicker way than by this marker, as over 200 different marks can be made by punching web between the toes.

They are well made, with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid, on receipt of price, 25c.

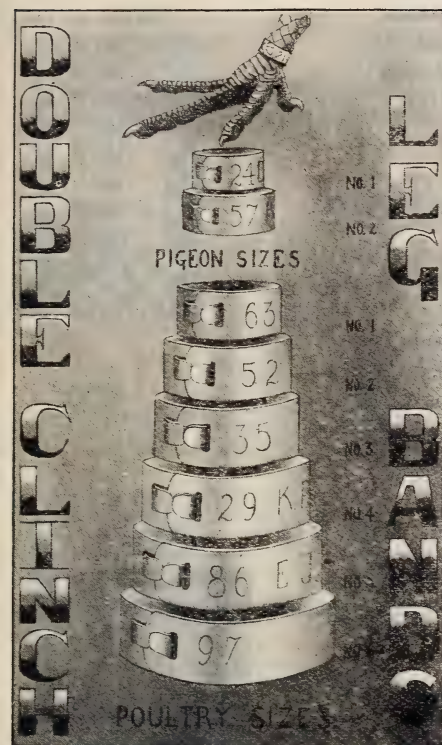


POULTRY KILLING KNIFE.

Every poultry raiser should have one of our killing knives. They are made of finely tempered instrument steel, with nicked handle. Sent postpaid, on receipt of price, 50c.



Leg Bands for Poultry and Pigeons.



Double Lock (aluminum) Leg Bands.

These bands are neat, easily applied, and cannot come off by accident.

In ordering state what breed they are for, and what letters or numbers you wish put on them.

Price, \$1.00 per Hundred.

Climax Leg Bands.

Easily applied and

Easily Removed.

Price, \$1.00 per hundred.



STERLINGWORTH POULTRY CHARCOAL.

Prepared expressly for feeding chicks and fowls. Packed in 50 lb. bags.

X (Fine Powdered) for mash foods and for ducks.

XX (Fine Granulated) especially for chicks.

XXX (Medium Granulated) for half-grown fowls and pigeons.

XXXX (Coarse Granulated) for fowls, geese and turkeys.

Price, \$2.00 per 100 lbs.



Sterlingworth Sulphur Fumigating Candles.

Will produce more vapor than any other candle sold at the same price. The candle itself is made from pure high grade sulphur, and has a circular wick, which, when once lighted, stays lighted. Is especially useful to poultry men in ridding poultry houses of insect pests, as the vapor from it penetrates crevices not reached by other means.

In circular tin box, price, each, 15c.

Poultry Foods and Specialties.



Sunflower, Millet and Hemp Seed.

"K. & W." Superior Oyster Shells,

" " Chicken Grit (fine),

" " Pigeon Grit (medium),

" " Poultry Grit (coarse),

Pure Bone Meal,

" Poultry Bone,

Superior Beef Scraps,

Bowker's Animal Meal,

" " "

" " "

in 100 lb. bags.

100 " "

100 " "

100 " "

100 " "

100 " "

100 " "

25 " "

50 " "

100 " "

Bradley's Meat Meal

" " "

" " "

Alfalfa Clover Meal,

Cut Clover Hay,

Linseed Meal,

Buckwheat.

Barley.

in 25 lb. bags

50 " "

100 " "

100 " "

50 " "

100 " "

Wheat.

White Canada Peas.

Kafir Corn.

Tobacco Dust.

Dalmation Powder.

Roup Pills.

Nest Egg.



"K. & W." Liquid Lice Paint.

A standard remedy for the destruction of all lice, insects and mites effecting poultry and stock.

Cheapest, easiest and most effective lice killer to apply.

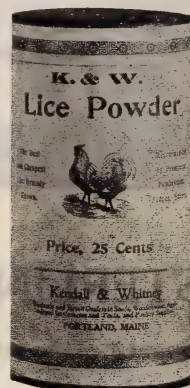
Price. 1 qt. can, 35c.; 2 qt. can, 60c.; 1 gal. can, \$1.00.



"K. & W." Roup Cure.

Is guaranteed to cure any case of roup, if used according to directions.

Price, per pkg., 25c.



"K. & W." Lice Powder.

Fatal to all lice, and other insect vermin, and harmless to fowls, chickens and all animal life. Invaluable for use on setting hens and chicks. The best and cheapest on the market.

Price, 15 oz. pkg., 25c.; 3 lb. pkg., 50c.; 6 1-4 lb. pkg., \$1.00.

"K. & W." POULTRY REMEDIES.

Remedy No. 1. For all forms of indigestion, liver disease, sour crop, crop-bound.

Remedy No. 2. For rheumatism and cramps.

Remedy No. 3. For all sudden colds with sneezing, watery discharge from eyes and nose. Prevents roup.

Remedy No. 4. For catarrhal colds with rattling in throat.

Remedy No. 5. For all diarrheas of poultry, and particularly in cholera.

Remedy No. 6. For diphtheritic roup and canker.

Remedy No. 7. For chicken-pox, bumble-foot, to promote healing of sores. Cures chronic catarrh.

Remedy No. 8. For soft-shelled eggs, all diseases of egg organs and to correct sterility.

Remedy No. 9. For egg-bound. Also for the diseases where there is swelling of the eye with an accumulation of yellow matter under the lids.

Remedy No. 10. For worms.

These remedies are put up in tablet form, 100 tablets to a vial. Each label contains full directions for use and the diseases which the remedy will prevent or cure. Price, postpaid, 40c. per vial. Please order by number.

POULTRY FOODS.

PURINA CHICK FEED.

Especial care has been used in balancing this feed. Nothing but sound, sweet ingredients are used. The finest mixture of grain possible for developing growing chicks and poultry.



PURINA SCRATCH FEED.

This feed has been used for years by the foremost poultry fanciers. Will keep fowls healthy, affording them plenty of exercise; an ideal "scratch feed."

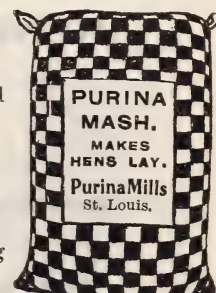
PURINA ALFALFA MEAL.

This is a green feed the year round. Is very high in protein and furnishes to chicks a growing food, which at the same time has a medicinal value. Its value as a helpful egg food is unquestioned.



PURINA MASH—Makes Hens Lay.

Is a complete mash, containing ground grain, green food and meat scraps; everything necessary, except the water to mix it.



PURINA FATTENING FEED.

This feed puts the finishing touches on chickens before sending them to market, and does it in the shortest possible time.

Cyphers Chick Food.

**A Complete,
Compounded Food
for
Young Chicks.**

Cyphers Chick Food is a mixture of many different grains and seeds, so proportioned to the needs of the growing chick that it will be fully nourished.

Directions for feeding in every bag.

100 lb. bag, price, \$2.50.



Pratt's Poultry Food.

**Makes Hens Lay Regularly,
and insures
Healthy Flocks of Chickens,
Turkeys, Ducks, Geese
and Pigeons.**

26 oz. package, 25c.; 4 lb. package, 50c.; 10 lb. package, \$1.00.

Also in 12½, 25 and 50 lb. bags, 10c. per lb.



INTERNATIONAL POULTRY FOOD.

Small package, 25c.; medium package, 50c.; large package, \$1.00.

BLATCHFORD'S CALF MEAL.

The Perfect Milk Substitute for Raising Calves.

100 lbs. of it Makes 100 Gallons of Rich Nutritious Gruel.

It is a well recognized fact that one of the most successful aids to profitable farming is using a good milk substitute for raising calves. Thousands of the best farmers in the country are raising their calves on **Blatchford's Calf Meal** at about half what it used to cost to raise them on milk.

Blatchford's Calf Meal may really be called the Standard Milk Substitute.

It has raised more calves, more fine stock, fine animals, and prize winners, etc., than any other calf meal.

It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in approximately the proper proportion, and it is the only calf meal that is **thoroughly cooked and prepared for digestion** by the tender stomach of very young animals.

It pushes pigs, colts, etc., forward better and quicker than any other food.

Price, \$3.50 per 100 lbs.

KENDALL & WHITNEY, STATE AGENTS.

PLASTER DUST.

Ground and bolted fine as flour. Valuable to use about the henhouse and to dust into nests.

Packed in barrels, . . . Each, \$1.75.

POULTRY, HORSE AND CATTLE SPECIALTIES.

PRATT'S HORSE AND CATTLE FOOD.—7 lb. packages, 50c.; 12 lb. bags, 75c.; 25 lb. bags, \$1.50;
12 lb. pails, \$1.00 ; 25 lb. pails, \$1.90.

PRATT'S ANIMAL REGULATOR.—25c., 50c. and 75c. packages.

International Stock Food,	25c., 50c. and \$1.00 Pkg.
" Silver Pine Healing Oil,	25c. and 50c. "
" Colic Cure,	50c. "
" Honey Tar Foot Remedy,	50c. "

International Pheno-Chloro,	25c. Pkg.
" Gall Cure,	25c. and 50c. "
" Heave Cure,	50c. "
" Worm Powder,	50c. "

LEE'S LICE KILLER.

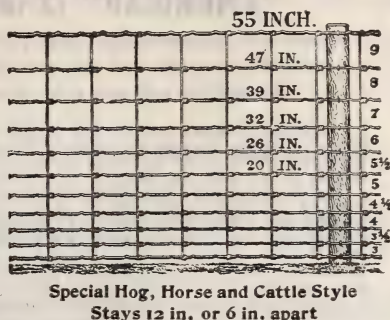
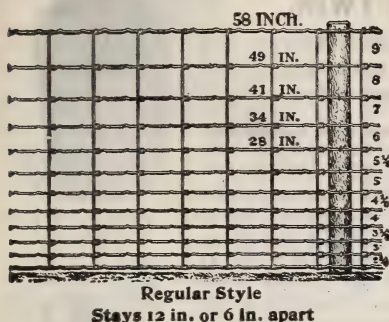
A liquid preparation for destroying insects on chickens and stock.

Price, 1 qt., 35c.; 1-2 gal., 60c.; 1 gal., \$1.00.

LAMBERT'S DEATH TO LICE POWDER.

15 oz. Pkg., 25c.; 3 lb. Pkg., 50c.; 6 1-4 lb. Pkg., \$1.00.

AMERICAN FIELD AND HOG FENCE



Made of large, strong, high-grade steel wire, heavily galvanized; amply provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate, but does efficiently turn cattle, horses, hogs, etc.

Every rod guaranteed. Call and see it. Will save money, and fence fields so they will STAY fenced.

Write for Descriptive Catalogue and Price List.

BARBED AND PLAIN TWISTED WIRE.

Best galvanized Steel Wire, in quantities to suit all customers. Write for quotations.

Mounted Grindstones.

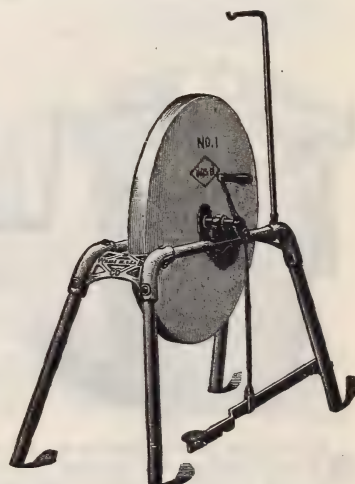
The Sampson, Hercules and Tubular Frame.

WITH TREADLE AND CRANK TO WORK EITHER BY HAND OR FOOT. Strong, Durable Frames.

—ALSO—

Unmounted Stones, all sizes and weights, and a full line of Fixtures.

Write for Prices.



TUBULAR FRAME STONE.

Pine and Cucumber Wood Pumps.

Pump Curbs, Pump Fixtures, Tubing, Chain and Rubber Buckets.

KEYSTONE POST AUGER.



Guaranteed to do three times the work of any other auger on the market.

Price, \$1.75 each.

FINISHED OX BOWS.

Made from fine second-growth hickory, shaved by hand, and smoothly finished.

Price per pair, 2¼ in.,	\$1.50
" " " 2 in.,	1.35
" " " 1¾ in.,	1.10
" " " 1½ in.,	.90



ICE CREAM FREEZERS.

"AMERICAN" (2 in 1) TWIN.

Freezes two flavors of Ice Cream, or an Ice or Sherbet and Ice Cream, at one and the same time, in one Freezer. Something entirely new, never done before.

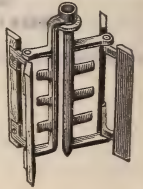
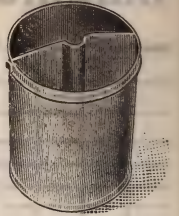
A freezer to make two flavors at one time has been wanted ever since ice cream became so popular. Much time and ingenuity have previously been spent in trying to devise some means to freeze two flavors at one time, but now it is an accomplished fact.

In the American Twin Freezer the can is divided in two parts by a vertical partition, which projects above top of can and bears against the can lid, so that during freezing nothing can pass from one side of can to the other. The dasher has a central shaft, which fits in the groove of the partition of can. Obviously the can cannot be turned as in old style freezers, because of the partition, but it is swung forward and backward by a rocking motion of the crank. The scrapers are so arranged as to be held automatically against side of can, so that the frozen particles on can are scraped off positively and continuously.

Tubs with electric welded wire hoops.

PRICES.

2 quart,	\$2.25	10 quart,	\$6.00
3 " "	2.50	12 " "	7.00
4 " "	3.00	15 " "	9.50
6 " "	4.00	20 " "	12.50
8 " "	5.00		



"LIGHTNING."

Easy running. Quick freezing. Convenient and practical.

Drawn Steel-Bottom Cans, which will not leak or break. The body of can is made of heavy tin plate of finest quality. Tubs with electric welded wire hoops, which are guaranteed not to fall off or break.

PRICES.

1 quart,	\$1.35	4 quart,	\$2.50	10 quart,	\$5.50
2 " "	1.75	6 " "	3.25	12 " "	6.50
3 " "	2.00	8 " "	4.00	14 " "	7.50

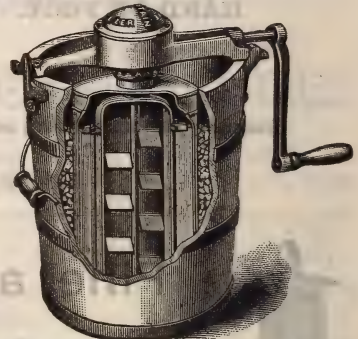


Perfected by the introduction of a new and important feature of a double self-adjusting wood scraping bar attached to the duplex dasher. By means of this device the actual time of freezing cream has been very materially reduced.

PRICES.

Junior,	\$1.00	4 quart,	\$2.75	12 quart,	\$7.00
1 quart,	1.50	6 " "	3.50	15 " "	8.50
2 " "	2.00	8 " "	4.50	20 " "	11.00
3 " "	2.25	10 " "	5.50	25 " "	14.00

"WHITE MOUNTAIN."



The only freezer having the Perpetual Motion Aerating Spoon Dasher, with its spoon-shaped floats, open in the centre like mixing spoons, which aerates, stirs and beats the mixture rapidly and thoroughly.

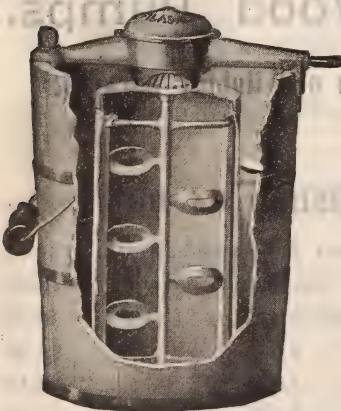
The cut also shows the new device attached to the under part of the gear-frame or cross-bar, which effectually protects the gearing and can cover from salt and ice.

PRICES.

1 quart,	\$1.50	4 quart,	\$2.40	10 quart,	\$5.00
2 " "	1.75	6 " "	3.35	12 " "	6.50
3 " "	2.00	8 " "	4.00	15 " "	8.50

FREEZER CLAMP OR HOLDER.

A perfect device for holding the freezer firm and steady. Easily adjusted to the tub by means of thumb nuts. Price, 2 to 10 qts., 35 cts. ; 12 to 25 qts., 55 cts. each.



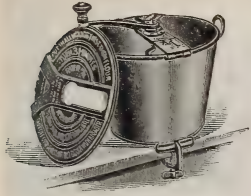
An Illustrated Catalogue of Power and Fly Wheel Freezers, Repairs, and Tubs and Cans for Packing Purposes furnished on application.

THE UNIVERSAL THREE-MINUTE BREAD MAKER.

Bread Maker, Mixer, Kneader and Raiser all Combined.

Made of heavy tin and sheet steel. All parts tinned. No housekeeper who has once used it will ever be content to go back to the old, laborious, disagreeable way of making bread by hand. Very simple in construction. A child can operate it. As easily cleaned as a tin pail.

Price, No. 4, \$2.00; No. 8, \$2.50; No. 44, \$1.75.



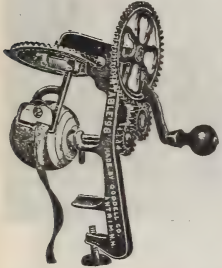
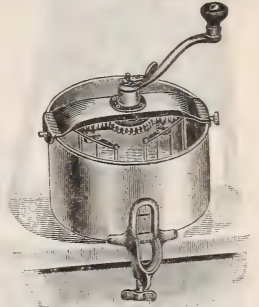
APPLE PARERS.

THE UNIVERSAL CAKE MAKER.

Especially Designed for Mixing all Kinds of Cake Batter, and for Whipping Cream and Beating Eggs.

Invaluable for making, in considerable quantities, mayonnaise and other salad dressing, for mixing all batter for fritters, gems and puddings, and for sauces that require beating.

Price, \$1.75.



No. 98 Turn Table.

No. 98, Turn Table,
White Mountain Parer, Corer and Slicer,

60c.

50c.

Rollman Food Choppers.

ADVANTAGES. This machine is small and convenient. It does the work with ease, and is readily cleaned. Cutters are all steel and will last indefinitely. No long strips of gristle in your Hamburg steak, if it is cut with a Rollman Food Chopper. Most choppers have one or more cast iron cutting edges, and these soon get dull and fail to make a clean cut, but the Rollman feeds all of the food through the cutter, so that there is no waste.

Price, No. 11, 50c.; No. 12, 75c.; No. 15, \$1.15.



THE UNIVERSAL FOOD CHOPPER.

All Parts Tinned and Interchangeable.

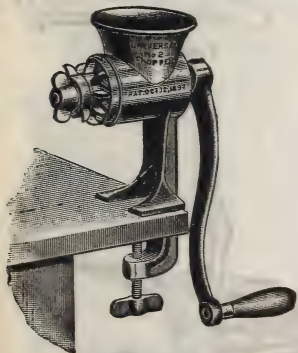
Chops rapidly and without mashing, and in pieces as fine or coarse as wanted, all kinds of meat, fish, fruits, eggs, bread and vegetables.

No. 0, 75c.; No. 1, \$1.00; No. 2, \$1.25; No. 3, \$1.75.

STUFFING ATTACHMENT.

Made of one piece of seamless brass tubing, spun into the shape required, heavily nickel plated and finely finished. A thread on the end of the barrel of the machine fits in the end of the stuffing attachment.

Price, 30 cents each.



No. 2. Medium Family Size.

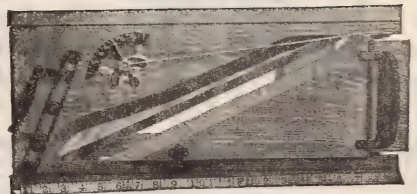


COMBINATION SLICER.

For slicing bread, dried beef, pressed meats, cabbage, pine apple, etc.

Instantly changed from a thick slice to the thinnest.

Price, No. B, \$3.00; No. C, \$2.75.



MAJESTIC ROTARY WASHER.

The Rotary is simple, strong, easy running and noiseless, the rotary motion being continuous, and the fly wheel heavy. Very little power is required to operate the machine.

Price, \$6.50



LIGHTNING WASHER.

The Lightning is constructed of the **Best Virginia White Cedar**, and is strong and finely constructed.

Price, \$4.00



CLOTHES WRINGERS.

TUB WRINGERS.

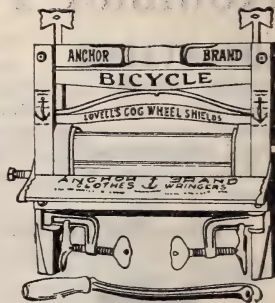
"K. & W." Special, Bicycle,
Guarantee (warranted for 5 years),
Domestic, Portland,
Eureka.

BENCH WRINGERS.

"K. & W." Special, Bicycle,
Portland, Household.
All Kinds of Wringers Repaired.



Bench Wringer.



Tub Wringer.

WHITE'S

Patent Mop Wringers.

Will quickly wring a mop perfectly dry,
 without touching Mop with hands.

The wringer may be instantly attached to the pail and quickly removed.

Always place the wringer on the opposite side of pail from the bail.

Use mop made of any material desired. A short, thick mop is generally best liked, and is the best wrung by the wringer.

Price, Family Size, \$1.50

" Hotel " 2.00



Family Size.



Hotel Size.

HIGH GRADE
SCREEN DOORS,
 AND
ADJUSTABLE WINDOW SCREENS.

Finely made and fly tight, with tops and bottoms beveled to fit sash and sill.

Best and most popular screens in the market.

ORNAMENTAL HIGH GRADE DOORS,

made from choice stock.

Furnished in all standard sizes and finished in oil and coach varnish; all joints smoothed and frame polished after assembling.

**Write for Catalogue and
 Price List of Screens and
 Doors.**

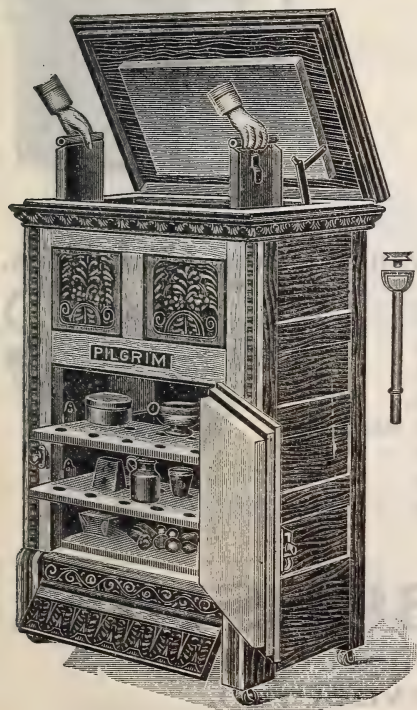


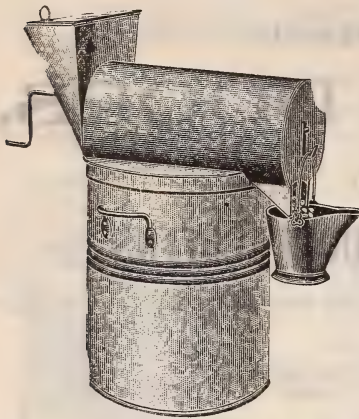
THE "PILGRIM"
Refrigerators & Ice Chests.

Thoroughly constructed from hard wood, and beautifully finished. Cleanable and perfectly sanitary. The economy of ice is a very important consideration, and the consumption of ice will be much smaller in our refrigerators than in many others, and at the same time insure a low and even temperature, and perfect circulation of cold, dry air.

GROCERS' REFRIGERATORS A SPECIALTY.

**Send for Illustrated Catalogue and
 Price List.**





"THE HUSTLER."

ROTARY ASH SIFTER.

In galvanized iron case. No dust. Works easily, quickly and well.
Price—No. 1, fits 18-in. iron can, or flour barrel, \$4.75
" 2, " 20-in. " " sugar " 6.75

THE "LOWELL" COAL SIFTER.

This is an **all wire** sifter, sifting the ashes through the sides as well as the bottom.

Price, complete, with cover, 75c.

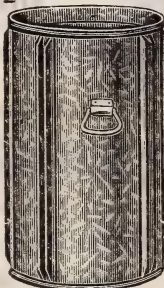
THE FAVORITE COAL SIFTER.

Price, complete, with cover, 50c.

**GALVANIZED IRON
ASH CANS.**

Solid heavy Cans. No danger from hot ashes.

Price, No.	41,	\$1.90
" "	5,	2.25
" "	190,	2.75



No. 190.



No. 5.



**GALVANIZED IRON
PAILS.**

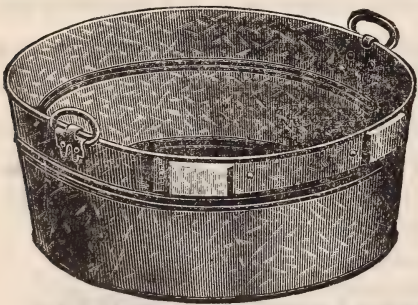
10 quart,	25c.
12 "	30c.
14 "	35c.
16 "	40c.
10 " extra heavy,	35c.
12 " "	40c.
14 " "	45c.
16 " "	50c.

GARBAGE PAILS.

Made from

Galvanized Iron.

No. 02,	\$.75
" 03,	.85
" 04,	1.00
" 40,	1.35
" 50,	1.65
" 135,	1.65
" 145,	1.85
" 310,	2.25



**Galvanized Iron
Tubs.**

No. 11, with wringer attachment,	65c.
" 22, " "	75c.
" 33, " "	85c.

Galvanized Iron Coal Hods.

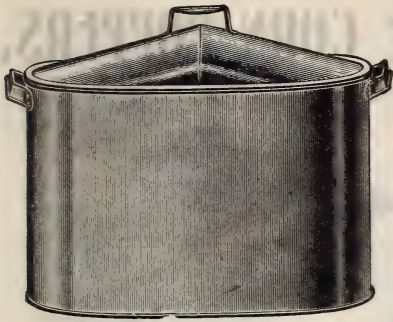
No. 615,	30c.
" 616,	35c.
" 617,	40c.
" 618,	45c.
" 156, heavy,	45c.
" 166, " "	50c.
" 176, " "	55c.
" 186, " "	60c.



BROOMS AND BRUSHES.

And a large variety of Wooden Ware of all kinds.

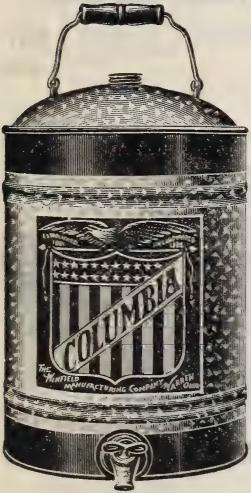
ALL ORDERS PROMPTLY EXECUTED.



WASH BOILERS.

8 in. X tin bottom,	\$.80	ROME (Heavy).	
9 in. X " "	.85	8 in. 1C copper bottom,	\$1.25
8 in. X copper bottom,	1.15	9 in. 1C " "	1.35
9 in. X " "	1.35	8 in. 1X " "	1.35
8 in. XX " "	1.45	9 in. 1X " "	1.50
9 in. XX " "	1.60	8 in. all copper,	2.50
		9 in. " "	2.75

Oil Cans.



1 Gal. Polo Oil Can
Price, 25c.

LARGE ASSORTMENT OF METAL AND GLASS OIL CANS,
holding from one to ten gallons each.

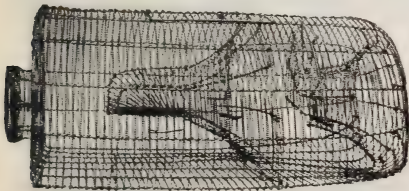
ALSO

60 Gallon, and 110 Gallon, Galvanized Iron Tanks, for Grocers' Use.
Write for Prices.

5 Gal. Columbia Oil Can.
Price, 75c.

Tea Kettles.

Nickel
Copper.
Price,
1.10.



THE GENUINE FRENCH MARTY RAT AND MOUSE TRAPS.

The most effective Wire Trap ever produced.

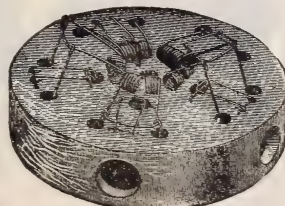
Price—No. 1, \$1.50; No. 3 1-2, 65c.; Mouse, 30c.

Wire Fly Killer.



Wood & Wire Handle, 10c.

Round Wood Mouse Trap.



10c.

Tin Mouse Trap.



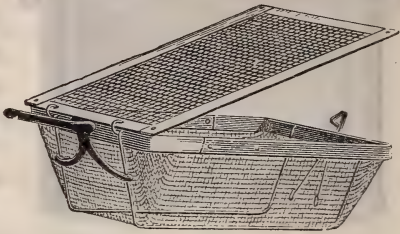
10c.

COMBINATION SHANK AND BRACE CORN POPPERS.

Firm and well braced popper, with detachable handle, and with wire guards to protect bottom of popper from wear.

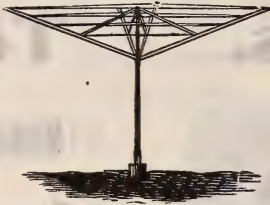
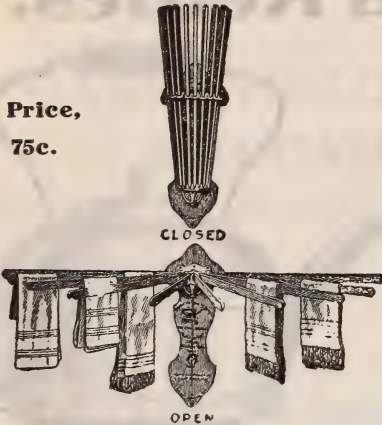
Price,

1 quart,	12c.	2 quart,	20c.
1 1-2 quart,	15c.	4 quart,	35c.
8 quart (factory size), \$1.75.			



Empire Folding Wall Dryers.

Price,
75c.

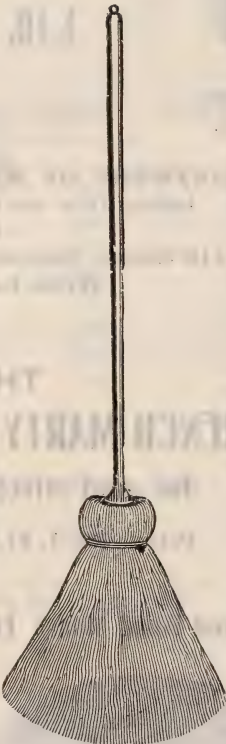


Advance Clothes Dryers.

The Best Clothes Dryer in Use.

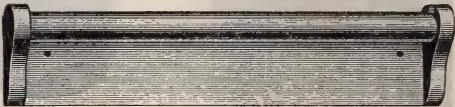
No. 1, 120 ft. line,	-	each,	\$2.75
No. 2, 160 " "	-	" "	3.00

Dry Mops.



Price, 40c.

Towel Rollers.



Price, 15c.

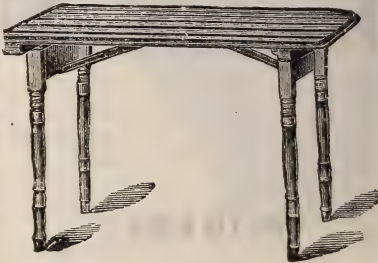
Rolling Pins.



Price, 15c.

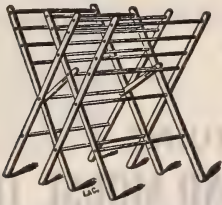
Folding Tables.

Yard measure stamped on top of each.



No. 000.	36 x 19 inch	.....	\$1.00
No. 00.	36 x 19 inch with casters..		1.25
No. 0.	36 x 20 inch with casters..		1.75
No. 1.	36 x 22 inch with casters..		2.00

Folding Clothes Horses.



No. 3.....	65c.
No. 3½.....	75c.
No. 4.....	85c.

Step Ladders.



Hub Step-Ladder.

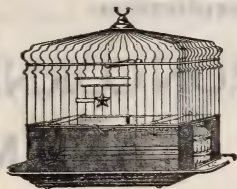
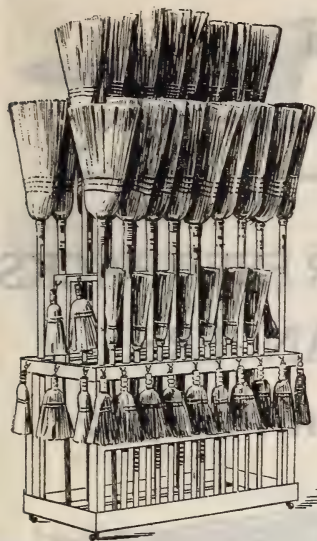
Paris, per foot.....	30c.
Hub, per foot.....	30c.
Challenge, per foot	40c.

PERFECTION BROOM RACK.

Handsome and strongly made and braced. Furnished with casters; can be easily moved on the floor.

Holds sufficient brooms and brushes to make fine show in store.

Price, \$1.50.



BIRD CAGES.

Brass and Japan Bird Cages,

also

Parrot and Squirrel Cages.

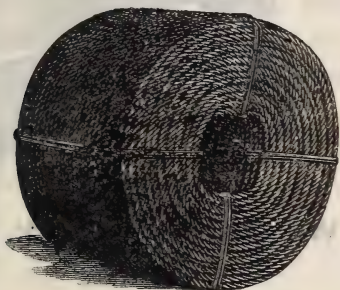
Canary Seed, Rape, Millet, Hemp, Rice, Sunflower and Cuttle Fish.

"K. & W." Prepared Mixed Canary Seed,

Gravel, Song Restorer, Parrot Food and Mocking Bird Food.

Cage Springs, Cups, Hooks, Ladder Chains, and Wire Guard Cloth.

CORDAGE.



Write for Prices.

WELL BUCKETS.

Made from Oak, heavily
hooped.

—ALSO—

Light and Heavy Weight

Buckets made from

Galvanized Iron.



The Fairfield Lawn Swing.



This swing easily takes precedence over all others in the market. Made of clear mountain spruce. Mechanical perfection, durability and ease of operation are combined in its construction.

Favorite	.....	\$3.75
Fairfield No. 2	.....	4.25
" No. 5	.....	5.00
" No. 7	.....	5.50

Wooden Measures.



In sets of
2, 4, 8, 16 and 32 qt.
sizes.

Price per set, \$1.25.

GARDEN VASES,

STONE DRAIN PIPE

AND

LAND TILE.

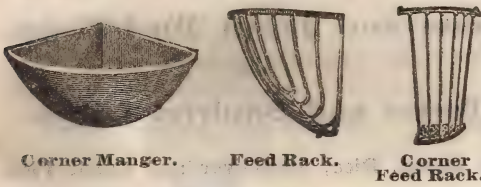
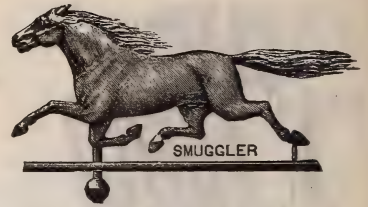
Send for
Illustrated Catalogue
and Price List.



WEATHER VANES.

All our vanes are made of copper and gilded with 23-karat gold-leaf that will remain bright for years. The vanes include iron spire with steel spindle point, points of the compass and gilded balls and letters.

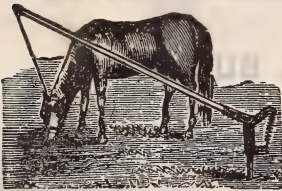
Descriptive Circular and Price List on application.



IRON CORNER FEED RACKS AND MANGERS.

WRITE FOR PRICES.

ANIMAL TETHER.



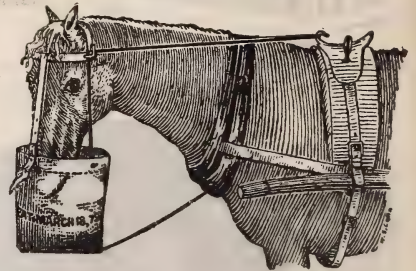
Price, \$3.00 each.

FEED BAGS.

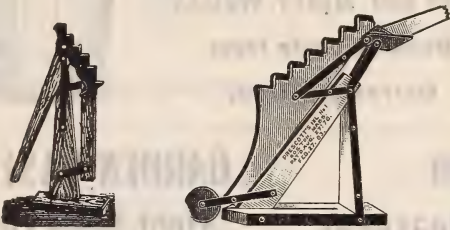
Made from
HEAVY CANVAS.

PLAIN OR WITH BRIDLE.

Price, 35c. to 75c. each.



CARRIAGE JACKS.



75c. to \$3.00.

Wooden Stable Fork.



Price, 50c.

BARREL HEADER.

This is the most simple labor-saving machine ever invented for heading up barrels and is used extensively for heading up apples, fish and other merchandise.



Price (1-in. screw), \$1.25

STORE AND BAG TRUCKS.

MADE OF HARD WOOD
AND WELL IRONED.
RUBBER TIRED
WHEELS,
for Hotel Use.



Price, \$2.25 to \$10.00

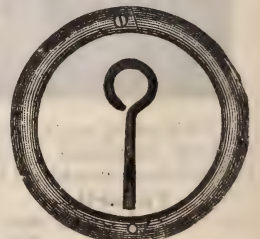
HAY KNIFE.



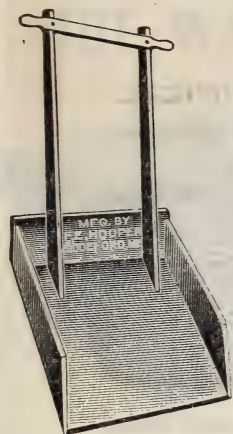
Price, 75c.

BULL RINGS.

Copper and Steel.



Price, 15c. to 30c. each.



THE HOOPER SNOW SHOVELS.

For Railroad Crossings and Plat-
forms, Ice Ponds, Mill Yards, Flat
Roofs, Concrete Walks and Gener-
al Shovelinø.

Price, 2 feet,	.	.	.	.	.	.	.	.	.	\$2.50
" 2 " 6 inches,	.	.	.	.	.	.	.	.	.	3.00
" 2 " 9 "	.	.	.	.	.	.	.	.	.	3.25

Steel Shovels, Spades, Scoops, Hoes, Forks and Rakes.

Complete Assortment of all Garden Tools
constantly on hand.



Maynard's Solid Steel Socket Shovels and Spades.



Post Hole Spoon.



Long Handle Square Point Shovel.



Long Handle Round Point Shovel.



D. Handle Square Point Shovel.



D. Handle Round Point Shovel.



D. Handle Spade.



Solid Steel Scoop.



Wire Potato Scoop.

Wooden
and
Steel
Snow
Shovels.



BASKETS
OF EVERY SIZE AND STYLE FOR
FACTORY, MILL, STORE, FARM AND OFFICE.
Corn Packers' Baskets a Specialty.



Ash-Covered Lunch Baskets.

One or Two Bail, Ash-Covered Lunch Baskets.

No. 0.....	\$1.25 each	No. 4.....	\$.55 each
No. 1.....	1.00 "	No. 5.....	.50 "
No. 2.....	.70 "	No. 6.....	.40 "
No. 3.....	.60 "	No. 7.....	.35 "



Hole-Handled Market Baskets.



Bail-Handled Market Baskets.

Solid Oak Market Baskets with Bail, Hole or Block Handle, Strapped.

No. 0.....	\$.60 each	No. 2.....	\$.35 each
No. 1.....	.50 "	No. 3.....	.30 "



Barrel Basket.
35 cents.

THE HOLDEN ASH STAVE BASKETS.

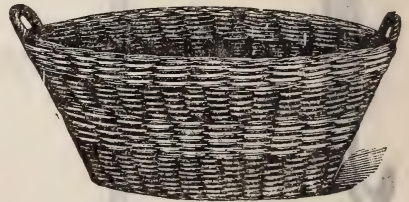
One of the smoothest, strongest and best baskets for farmers and grocers. Made in every size from 1/4 bushel to 4 bushels.

Oval Willow Clothes Baskets.

Small.....	\$.75 each
Medium.....	.85 "
Large.....	1.00 "

Oblong Ash Clothes Baskets.

Small.....	\$.75 each
Medium.....	1.00 "
Large.....	1.25 "



Oval Willow Clothes Basket.



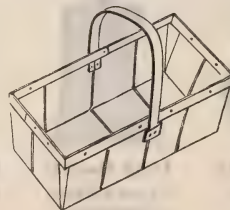
OBLONG PINT.



QUART.

BERRY BASKETS.

Our berry baskets are made of white wood and put up in good strong crates. They are packed 1,000 in a crate. Write for prices.



Verbena Baskets.

With wood or wire handle. 10 in. long; 5 in. wide; 3 in. deep. \$2.00 per hundred; \$18.00 per thousand.

Wood handle. 12 in. long; 7 in. wide; 4 in. deep. \$2.50 per hundred; \$23.00 per thousand.

Special prices quoted for large quantities.

Write for quotations.



Oak Splint Basket.

No. 1. 5 bush., solid oak, nailed rim..	Each. \$2.75
No. 1. 4 " " " " " "	2.50
No. 1. 3 " " " " " "	1.75
No. 1. 2 " " " " " "	1.00
No. 1. 1 " " " " " "	.65
No. 0. 1 " " " " " "	.50



1-2 bush. Basket.

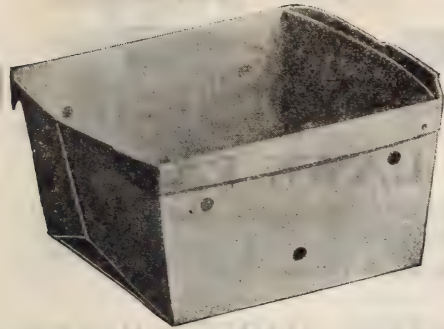


1-4 bush. Basket.

Each.

1/2 bush., solid oak, nailed rim, stiff bail.	.35
1/4 " " " " " "	.30
1/2 " " " " " drop bail.	.35
1/4 " " " " " "	.30

THE WAX LINED PAPER BERRY BASKETS.



A package that is PURE, PERFECT, TAINLESS, ODORLESS, leaving no wood taste to the berries or other fruit; a package that does not warp, or lose its shape, is not affected by changes of weather, and one which prevents the growth of mildew on the berries.

These baskets are packed in bundles of 200, and are nested and wrapped with heavy paper.

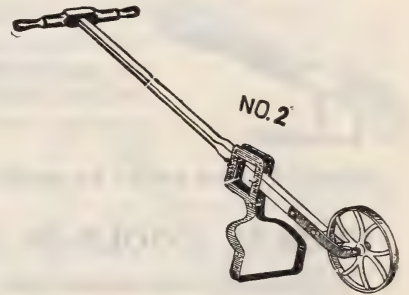
"It is Economy to use the Wax Lined Paper Berry Basket."

Price, \$3.25 Per 1,000.

Fuller's Unique Wheel Hoes.

Superior to all hand tools made, to cultivate between rows. The handles are adjusted to any height. Having only one wheel they run between the rows without bruising the tops, and having no frame work they do not tear the growing plants on either side.

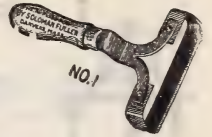
Price, \$2.50.



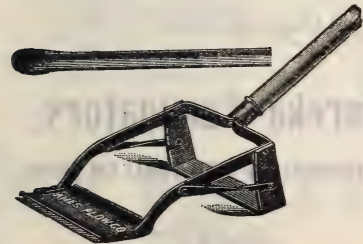
Fuller's Daisy Hand Weeder.

A light and easy-working weeder. Excellent for general weeding purposes, doing the work easier and quicker than by ordinary methods.

Price, 25c.; by mail, 35c.



Arlington Scuffle Hoes. 8 inch and 9 inch blade. Each, \$1.50.



Arlington Scuffle Hoe.

Dutch Hoe.



Price, 50 cents.



THE BARTLETT

Wire Hoop Tomato and Plant Support.

MADE FROM HARD WOOD.

With galvanized iron wire hoops. Designed especially to protect tomatoes, dahlias, gladioli, and other tall growing plants.

Price, 20 cents each; \$1.75 per dozen.

PICKS AND MATTOCKS.



Pick.
Price, 75c.



Axe Mattock.
Price, 75c.



Pick Mattock.
Price, 75c.



THE GIBBS LAWN RAKE.
A perfect implement for cleaning lawns from leaves, grass and all kinds of rubbish without injuring the grass and roots.
Price, each, 40 cents.

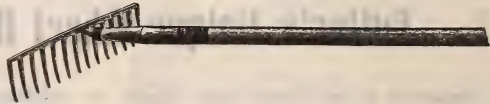
EXCELSIOR WEEDER.



This instrument will work well among rows of seedlings and ornamental plants, or in any place where freedom from weeds is desired.

Price, 10 cents each; by mail, 15 cents.

CAST STEEL GARDEN RAKES.



10 teeth.....	Price, 40 cents
12 ".....	45 "
14 ".....	50 "
16 ".....	55 "
18 ".....	60 "

FLORAL TOOLS IN SETS.

From 10 cents to \$1.00 per set.



GARDEN REELS.

- No. 1, - 50 cents.
- No 2, - 75 cents.

GARDEN LINES.

100 feet long, 50 cents each.

Cast Steel Garden Trowels.



6 inch.....	Price, 15 cents
7 ".....	20 "
8 ".....	25 "
6 " extra solid steel blade and shank	40 "
7 " " " " " " " " " "	45 "

Wire Fruit Picker.



Price, 25c. each.

Border Knife.



9 inches, 60 cents each.

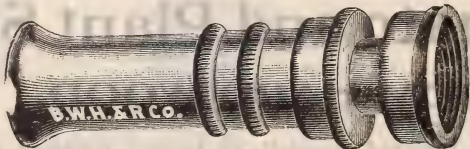
Eureka Fumigators.

FOR FUMIGATING WITH TOBACCO STEMS

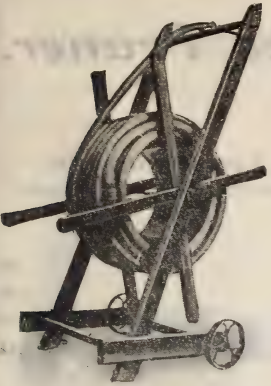


No. 1, 12 inches high,	\$1.50
" 2, 16 " " " "	2.00
" 3, 20 " " " "	2.50

BOSTON
HOSE
NOZZLE



Price, 40c. each.



HOSE REELS.

Made from hard wood.
Strong, well bolted together,
and durable.

"Common Sense," \$2.00
"Federal," 1.00



GARDEN AND LAWN HOSE.

High Grade Rubber and Cotton Hose.

LAWN SPRINKLERS. Price, 50c. to \$3.00 each.

WATER SPRINKLERS.



1 qt. painted tin	.....	.15
2 " " "	.....	.20
4 " " "	.....	.25
6 " " "	.....	.35
8 " " "	.....	.50
10 " " "	.....	.55
12 " " "	.....	.65
4 " galv. iron	.....	.40
6 " " "	.....	.50
8 " " "	.....	.55
10 " " "	.....	.60
12 " " "	.....	.70
16 " " "	.....	.80



All our sprinklers are made with movable heads, which *unscrew* with an *eighth* turn. The screw is of zinc and will not rust.

Tyrian Plant Sprinklers.

STRAIGHT NECK.

½ pint size	.....	\$ .65
¾ " "	.....	.75
1 " "	.....	.90

BENT NECK.

½ pint size	.....	\$ .75
¾ " "	.....	.85
1 " "	.....	1.00

If sent by mail, 10 cts. each, extra.



WIRE GUARDS FOR FLOWER BEDS.



Made of heavy galvanized wire, and will last for years.
PRICE—Height, 16 in., 10 cents per foot.
Height, 22 in., 12 cents per foot.

Arlington Plant Protector.



\$1.50 per doz.



Waters Improved Tree Pruner.

Is the lightest device made for the purpose.
Will cut larger wood than any other device that is practical to handle.
Will clip the slightest twig on the extreme end of the limb.

Prices.

4 feet.....	.70	12 feet.....	.90
6 feet.....	.75	14 feet.....	1.00
8 feet.....	.80	16 feet.....	1.10
10 feet.....	.85	Extra blades.....	.15

SHEEP SHEARS.



True Vermonter, 5½ inch....65c
" " 6 "75c

Sheep Shears, for trimming grass.....25c
Lightning Shears, for trimming grass.....40c

DOUBLE-EDGED PRUNING SAWS.

For use with or without pole. The lightning edge teeth are for cutting the limbs and the back teeth are for cutting off the twigs.

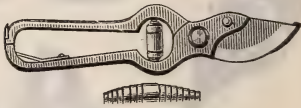
18 inch, 75 cts.; 20 inch, 85 cts. each.



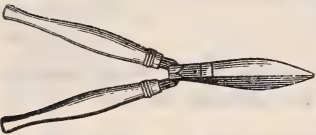
French Pruning Shears.

PRUNING SHEARS.

American, 35c. and 50c.
French wheel spring, 8 in., \$1.50
" " 9 in., 1.75
" " 10 in., 2.00
No. 100, 8 in., 75c.



No. 100.



HEDGE SHEARS.

8 inch.....\$1.25
9 inch.....1.35
10 inch.....1.75

PRUNING AND BUDDING KNIVES.

50 cents to \$1.00 each.

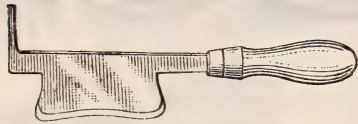
BORDER SHEARS.

With Long Handle.

8 inch.....\$1.75
9 inch.....2.00
10 inch.....2.50

With wheel, 50 cents extra.

GRAFTING CHISEL.



Price, 50c. each.

ROCKDALE PRUNER.



Price.

No. 35, 26 in. long, \$.75
No. 38, 41 in. " 1.00

CRESCENT GRASS HOOK.



Made from crucible steel. Blade adjustable at any angle and held securely by nut and ratchet.

Price, 40c. each.

Hazeltine Weeder.



Price, 25c. each.

IRON BOUQUET HOLDERS.

No. 1, Small	20 cents
No. 2, Medium	25 cents
No. 3, Large	30 cents

FOLDING LAWN SETTEE.

Made from hard wood and finished in varnish and vermillion.

Price, 85c.

**CROQUET SETS.**

We carry a complete assortment, manufactured from selected hard wood, handsomely painted and varnished.

90 cents to \$4.00 per Set.

"IRON AGE"**HORTICULTURAL
ROW INDEX.**

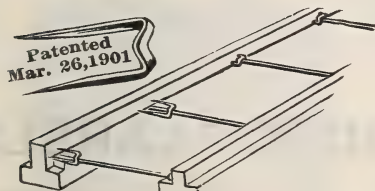
Made of galvanized iron, the label protected by sheet of mica. Will be found indispensable for private gardens, trial grounds, greenhouses, parks, etc. **Price, 20 cts. each.**

**WIRE****PLANT
STANDS.**

2 shelf, folding,	\$2.50
3 " " " "	3.25
4 " " " "	4.00
2 " stationary,	2.25
3 " " " "	3.00
3 " half round,	3.00

**TROWBRIDGE'S GRAFTING WAX.**

The finest quality made, put up in neat packages with directions for use. 25c. per lb.; ½ lb. packages, 15c. ¼ lb. packages, 10c. By mail, 15c. per lb. extra.

"Peerless Glazing Points."

Made from galvanized steel wire, are cheap and indestructible. Easy to apply and perfectly satisfactory to use. Per 1,000, 60 cts.; by mail, 75 cts.

Self-Registering Thermometer.

Registers accurately the coldest, also the warmest point of temperature. \$2.25 each.



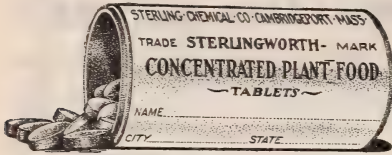
**Self-Registering
Thermometer.**

Hot Bed Mats. Best rye straw. 6 x 6 ft., \$1.50 each. Burlap. Thickly padded and quilted. 40 x 76 in., \$1.00 each; 76 x 76 in., \$1.75 each.

Tinfoil. For bouquets. Lb., 12 cts.

Twine, soft. For tying vines, etc.; very strong. Large balls, 20 cts.

Tarred Yarn. Low priced material for raspberries, shrubs, etc. Lb., 12 cts.



STERLINGWORTH PLANT FOOD TABLETS.

Contain nitrogen, ammonia, phosphoric acid and potash.

A New Odorless, Concentrated Fertilizer for Potted Plants.

Takes the place of liquid manure. It starts the plants at once into healthy and vigorous growth and makes them grow and bloom luxuriantly. These tablets drive troublesome insects and worms from the soil. They are odorless, non-poisonous, uninjurious and are clean and easy to handle. If your plants are not doing well, try **Sterlingworth Plant Food Tablets**, and see how quickly they are benefited.

Trial size box, sufficient for ten house plants for three months, 10 cents, postpaid.

Large size box, sufficient for thirty-five plants for three months, 25 cents, postpaid.

STERLINGWORTH WEED KILLER.

Sterlingworth Weed Killer is a most satisfactory and powerful weed killer, compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass (including milk weed and witch grass), briars, burdock, dandelions, daisies, thistles, poison ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon covers three to four square yards. Full directions on each package.



Prices: 1 lb. package, makes 15 gals., covers 45 to 60 sq. yds., 50 cts.; 3 lb. package, makes 45 gals., covers 130 to 180 sq. yds., \$1.25; 5 lb. package, makes 100 gals., covers 300 to 400 sq. yds., \$2.00.

TRELLISES.

	Each.	Per doz.
No. 00, 18-in. stick, 3½ in. wide.....	\$0.05	\$0.50
" 00 wide, 20-in. stick, 8 in. wide.....	.08	1.00
" 0, 24-in. stick, 5 in. wide.....	.10	1.00
" 0 wide, 24-in. stick, 8 in. wide....	.12	1.25
" 0½, 24-in. stick, 7½ in. wide.....	.25	2.00

BOW TRELLIS.

	Each.	Per doz.
No. 1, 30x10 in.....	\$0.30	\$2.50
" 2, 30x14 in.....	.35	4.00
" 3, 36x12 in.....	.45	4.50
" 3½, 42x14 in.....	.50	5.00
" 4, 48x15 in.....	.60	6.00
" 5, 60x18 in.....	.65	7.50
" 6, 72x20 in.....	.75	9.00

CROSS TRELLIS.

	Each.	Per doz.
24x15 in.....	\$0.35	\$4.00
42x24 in.....	.50	5.00



Veranda Trellis.

IVY TRELLIS.

	Each.	Per doz.
16-in. diameter.....	\$0.45	\$5.00
20-in. ".....	.60	7.00
24-in. ".....	.85	9.00

FAN TRELLIS.

	Each.	Per doz.
1½ ft. ".....	.10	1.00
2 ft. ".....	.15	1.50
2½ ft. ".....	.20	2.00

VERANDA TRELLIS.

	Each.
2 ft.....	\$0.35
3 ft.....	.45
4 ft.....	.50
5x1½ ft.....	.75
6x1½ ft.....	.95
7x1½ ft.....	1.10
8x1½ ft.....	1.25
9x1½ ft.....	1.50
10x1½ ft.....	1.75
11x2 ft.....	2.10
12x2 ft.....	2.35

PLANT STICKS.

From two to six feet in length, used for supporting single stalks of roses, dahlias, etc.

	Per doz.	Per 100.
1½ feet, painted green.....	\$.15	\$1.00
2 " " ".....	.20	1.50
2½ " " ".....	.25	2.00
3 " " ".....	.50	4.00
4 " " ".....	.70	5.50
5 " " ".....	.95	7.50
6 " " ".....	1.10	9.00

WOOD POT LABELS.

PLAIN.

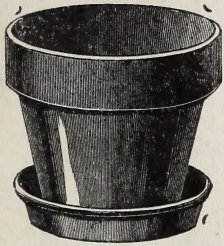
PAINTED.

	Per 100.	Per 1,000.	Per 100.	Per 1,000.
4 inch.....	.10	.50	.10	.70
4½ inch.....	.10	.60	.15	.80
5 inch.....	.10	.70	.15	.95
6 inch.....	.10	.90	.15	1.20

RAFFEA.

The best material for tying plants; very soft, strong and pliable. 20 cents per pound.

FLOWER POTS—Standard.

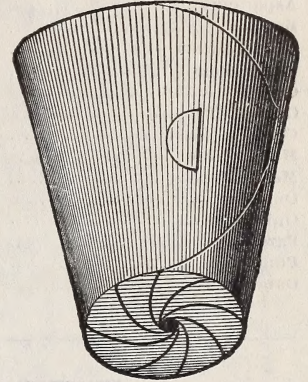


	Pots.	Saucers.
Inches.	Per dozen.	Per dozen.
2	\$.10	
2½	.12	
3	.15	\$.12
3½	.20	.15
4	.25	.18
5	.40	.24
6	.60	.32
7	.90	.45
8	1.25	.60
9	1.75	.75
10	3.00	.95
11	3.50	1.10
12	5.00	1.35
14	9.00	2.25

Measurement from inside to inside. Width and depth equal.

NEPONSET PAPER FLOWER POTS.

Manufactured from fabric which gives them all the necessary rigidity. They are *unbreakable and give ample drainage.*



Size.	Per 100.	Per 1,000.
2¼	\$.25	\$ 2.20
2½	.30	2.40
3	.45	3.90
3½	.60	5.15
4	.80	6.90
5	1.20	10.35
6	1.65	14.55

Round Seed and Bulb Pans.

Inches.	Each.	Per doz.
6	\$.07	\$.72
7	.08	.85
8	.10	.96

Inches.	Each.	Per doz.
9	\$.13	\$1.35
10	.15	1.60
12	.20	2.15

Special Quotations to Florists.

FRUIT JARS.

**Lightning
and
Mason.**

1-2 pint, pint, 1 quart and 2 quart sizes.

JELLY TUMBLERS.

1-3 pint and 1-2 pint sizes.



“K. & W.”

FRUIT JAR RINGS.

1 dozen in each package.

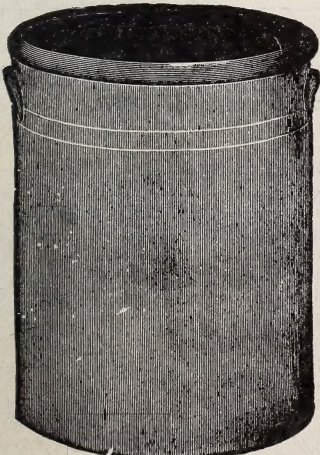
12 packages in a carton.

STONE WARE.

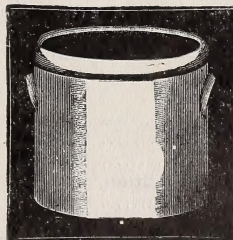
ALL SIZES OF

Stone Pork Barrels, Butter Pots, Bean Pots, Preserve Jars, Jugs and Churns.

Write for Price List.



Pork Barrel.



Butter Pot.



Bean Pot.

QUANTITY OF SEEDS REQUIRED FOR A GIVEN NUMBER OF HILLS OR LENGTH OF DRILLS.

Asparagus.....	1 ounce....	60 feet of drill
Beet.....	1 ".....	50 "
Beans, Dwarf.....	1 quart....	100 "
Beans, Pole.....	1 ".....	150 hills
Carrot.....	1 ounce....	100 feet of drill
Cucumber.....	1 ".....	50 hills
Corn.....	1 quart....	200 "
Melon, Water.....	1 ounce....	30 "
Melon, Musk.....	1 ".....	60 "
Onion.....	1 ".....	100 feet of drill
Onion sets.....	1 quart....	40 "
Parsley.....	1 ounce....	150 "
Pumpkin.....	1 ".....	40 hills
Dandelion.....	1 ".....	100 feet of drill

Parsnip.....	1 ounce....	200 feet of drill
Peas.....	1 quart....	75 "
Radish.....	1 ounce....	100 "
Spinach.....	1 ".....	100 "
Squash, Early.....	1 ".....	50 hills
Squash, Late.....	1 ".....	15 "
Turnip.....	1 ".....	150 feet of drill
Cabbage.....	1 ".....	3,000 plants
Cauliflower.....	1 ".....	3,000 "
Celery.....	1 ".....	4,000 "
Egg Plant.....	1 ".....	1,000 "
Lettuce.....	1 ".....	3,000 "
Pepper.....	1 ".....	2,000 "
Tomato.....	1 ".....	1,500 "

NUMBER OF PLANTS RAISED FROM ONE OUNCE OF SEED.

Tomato.....	1,500 plants.
Pepper.....	1,000 plants.
Lettuce.....	3,000 plants.

Celery.....	2,000 plants.
Cauliflower.....	1,500 plants.
Cabbage.....	2,000 plants

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

	Lbs. per bush.
Barley, broadcast.....	.48 2 to 3 bush.
Beans, Dwarf, in drills.....	.60 1½ bush.
Beans, Pole, in hills.....	.60 10 to 12 qts.
Beets, Table, in drills.....	.6 lbs.
Beets, Mangel Wurzel.....	.5 lbs.
Buckwheat.....	.48 1 bush.
Cabbage, in beds to transplant.....	¼ lb.
Carrot, in drills.....	3 to 4 lbs.
Clover, Red.....	.60 15 to 20 lbs.
Clover, White.....	.60 12 to 15 lbs.
Clover, Alsike.....	.60 10 lbs.
Clover, Lucerne or Alfalfa.....	.60 20 lbs.
Corn, in hills.....	10 qts.
Corn, for fodder.....	3 bush.
Cucumber, in hills.....	2 lbs.
Grass, Kentucky Blue.....	3 bush.
Grass, Orchard.....	3 bush.
Grass, Red Top (re-cleaned).....	.35 6 lbs.
Grass, Timothy.....	.45 ½ bush.
Grass, Hungarian.....	.48 1 bush.
Grass, Lawn.....	.25 3 bush.
Melon, Musk, in hills.....	2 to 3 lbs.
Melon, Water, in hills.....	4 to 5 lbs.

	Lbs. per bush.
Millet.....	.50 1 bush.
Oats, broadcast.....	.32 2 to 3 bush.
Onion, in drills.....	5 lbs.
Onion Sets, in drills.....	6 to 12 bu.
Parsnip, in drills.....	4 to 6 lbs.
Peas, broadcast.....	3 bush.
Peas, in drills.....	2 bush.
Potatoes (cut tubers).....	8 bush.
Pumpkin, in hills.....	4 lbs.
Radish, in drills.....	8 to 10 lbs.
Round Peas, in drills.....	1½ bush.
Rye, broadcast.....	1½ to 2 bu.
Sage, in drills.....	8 to 10 lbs.
Spinach, in drills.....	15 lbs.
Squash (bush varieties), in hills.....	4 lbs.
Squash (running varieties), in hills.....	3 lbs.
Tomato, to transplant.....	¼ lb.
Turnip, broadcast.....	2 to 3 lbs.
Turnip, in drills.....	1½ lbs.
Vetches, broadcast.....	2 to 3 bush.
Wheat, broadcast.....	1½ to 2 bu.
Wrinkled Peas, in drills.....	1¼ bush.

BOOKS on the Farm, Orchard and Garden.

All Books sent Postpaid on receipt of Price.

Asparagus Culture.....	\$.50
Beekeeping Explained, Mysteries of.....	1.00
Bulbs and Tuberous-Rooted Plants.....	1.50
Cabbage, Cauliflower and allied Vegetables.....	.50
Celery for Profit.....	.20
Crops, Spraying.....	.25
Draining Land.....	1.00
Duck Culture.....	.25
Egg Farm, New, Revised and Enlarged.....	1.00
Farm of Four Acres, Our.....	.30
Feeds and Feeding.....	2.00
Gardening for Pleasure. New and Enlarged Edition.....	1.50
Gardening for Profit. New and Enlarged Edition.....	1.50

Garden, Money in the.....	\$1.00
Insects and Insecticides.....	1.50
Key to Profitable Stock Raising.....	.25
Mushrooms—How to Grow Them.....	1.00
Manures, Talks on. Revised Edition.....	1.50
Onions, How to Raise Them.....	.20
Potato Culture, A B C of.....	.55
Profits in Poultry and their Profitable Management.....	1.00
Silos, Ensilage and Silage.....	.50
Small Fruit Culturist.....	1.00
Strawberry Culturist.....	.20
Turkeys, How to Raise Them.....	1.00
Window Flower Garden.....	.50

..WORCESTER SALT..



"AN ABSOLUTELY PURE"

and entirely perfect Dairy and Table Salt, and the only one which dairymen, housekeepers, and all others interested in obtaining perfectly Pure Salt, have acknowledged, by actual test, to be the Highest Grade Ever Produced.

FOR SALE BY DEALERS EVERYWHERE.

The New Prepared...

IVORY TABLE SALT

Will not Harden in the Salt Shaker

WORCESTER PACKING, AND COMMON FINE SALT.

Purified by the same process as the Worchester Dairy Salt, put up in dirt-proof bags, clean and strong, and superior to all salt in use for packing pork or beef.

KENDALL & WHITNEY

STATE AGENTS

PORTLAND,

..

MAINE

